

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031423\
 Data File : VN076995.D
 Acq On : 14 Mar 2023 20:22
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :John Carlone 03/15/2023
 Supervised By :Mahesh Dadoda 03/15/2023

Quant Time: Mar 15 04:30:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 13:47:39 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.231	168	257644	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	376056	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	333183	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	173182	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	218296	56.778	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	113.560%	
35) Dibromofluoromethane	8.172	113	141715	56.544	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	113.080%	
50) Toluene-d8	10.572	98	475012	51.426	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	102.860%	
62) 4-Bromofluorobenzene	12.854	95	195376	57.828	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	115.660%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.137	85	178892	38.549	ug/l	100
3) Chloromethane	2.378	50	62046	24.707	ug/l	99
4) Vinyl Chloride	2.531	62	77255	33.142	ug/l	96
5) Bromomethane	2.949	94	72350	42.197	ug/l	90
6) Chloroethane	3.125	64	52622	35.561	ug/l	93
7) Trichlorofluoromethane	3.507	101	307915	50.909	ug/l	96
8) Diethyl Ether	3.978	74	69477	35.703	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.384	101	121510	39.322	ug/l	90
10) Methyl Iodide	4.601	142	148109	45.793	ug/l #	78
11) Tert butyl alcohol	5.537	59	120902	226.051	ug/l	99
12) 1,1-Dichloroethene	4.354	96	106201	37.292	ug/l	88
13) Acrolein	4.190	56	86620	180.179	ug/l	99
14) Allyl chloride	5.037	41	120004	29.373	ug/l #	81
15) Acrylonitrile	5.731	53	232927	154.097	ug/l	96
16) Acetone	4.443	43	239926	180.087	ug/l #	84
17) Carbon Disulfide	4.725	76	268806	34.074	ug/l	99
18) Methyl Acetate	5.031	43	146840	29.885	ug/l	99
19) Methyl tert-butyl Ether	5.807	73	451124	44.550	ug/l	94
20) Methylene Chloride	5.295	84	117698	34.358	ug/l	95
21) trans-1,2-Dichloroethene	5.801	96	115279	38.183	ug/l	90
22) Diisopropyl ether	6.684	45	271651	30.055	ug/l #	89
23) Vinyl Acetate	6.619	43	972502	174.719	ug/l	98
24) 1,1-Dichloroethane	6.578	63	210272	36.420	ug/l	97
25) 2-Butanone	7.489	43	308724	162.930	ug/l	91
26) 2,2-Dichloropropane	7.501	77	244261	47.807	ug/l	93
27) cis-1,2-Dichloroethene	7.495	96	136446	39.166	ug/l	87
28) Bromochloromethane	7.819	49	67351	32.249	ug/l	85
29) Tetrahydrofuran	7.848	42	180933	154.056	ug/l	99
30) Chloroform	7.972	83	277390	44.715	ug/l	99
31) Cyclohexane	8.266	56	162827	29.518	ug/l	97
32) 1,1,1-Trichloroethane	8.172	97	311502	53.559	ug/l	97
36) 1,1-Dichloropropene	8.378	75	184229	47.528	ug/l	95
37) Ethyl Acetate	7.572	43	125509	40.489	ug/l #	95
38) Carbon Tetrachloride	8.372	117	294213	64.852	ug/l	99
39) Methylcyclohexane	9.601	83	206386	43.862	ug/l	91
40) Benzene	8.613	78	468761	41.027	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	69954	37.924	ug/l #	87
42) 1,2-Dichloroethane	8.678	62	253849	56.959	ug/l	89
43) Isopropyl Acetate	8.695	43	286855	52.421	ug/l #	86
44) Trichloroethene	9.354	130	138524	46.912	ug/l	98
45) 1,2-Dichloropropane	9.625	63	103522	36.825	ug/l	100
46) Dibromomethane	9.713	93	95691	48.739	ug/l	91
47) Bromodichloromethane	9.895	83	229047	54.991	ug/l	97
48) Methyl methacrylate	9.683	41	115956	43.248	ug/l #	80
49) 1,4-Dioxane	9.695	88	47980	945.074	ug/l #	91
51) 4-Methyl-2-Pentanone	10.448	43	644925	196.192	ug/l	95
52) Toluene	10.636	92	324773	46.184	ug/l	98
53) t-1,3-Dichloropropene	10.836	75	221683	53.385	ug/l	97
54) cis-1,3-Dichloropropene	10.319	75	211018	46.273	ug/l #	84
55) 1,1,2-Trichloroethane	11.019	97	122735	44.859	ug/l	95
56) Ethyl methacrylate	10.877	69	187716	45.234	ug/l #	78
57) 1,3-Dichloropropane	11.166	76	212236	43.991	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.166	63	282301	213.623	ug/l	93
59) 2-Hexanone	11.201	43	494386	206.268	ug/l	89
60) Dibromochloromethane	11.360	129	172434	57.204	ug/l	100
61) 1,2-Dibromoethane	11.472	107	134281	48.967	ug/l	99
64) Tetrachloroethene	11.107	164	127292	47.205	ug/l	99
65) Chlorobenzene	11.895	112	359538	48.243	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.960	131	165303	56.817	ug/l	93
67) Ethyl Benzene	11.966	91	691146	50.433	ug/l	96
68) m/p-Xylenes	12.072	106	518549	100.674	ug/l	84
69) o-Xylene	12.401	106	253102	50.615	ug/l	77
70) Styrene	12.413	104	414960	51.366	ug/l #	87
71) Bromoform	12.583	173	131889	62.553	ug/l #	97
73) Isopropylbenzene	12.695	105	721814	46.775	ug/l	95
74) N-amyl acetate	12.495	43	196909	38.539	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.942	83	164451	36.217	ug/l	97
76) 1,2,3-Trichloropropane	12.995	75	197908m	47.136	ug/l	
77) Bromobenzene	12.983	156	167185	48.462	ug/l	97
78) n-propylbenzene	13.036	91	791484	46.059	ug/l	97
79) 2-Chlorotoluene	13.124	91	502968	45.135	ug/l	93
80) 1,3,5-Trimethylbenzene	13.177	105	653957	49.749	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.742	75	52680	40.984	ug/l #	58
82) 4-Chlorotoluene	13.224	91	494894	46.999	ug/l	93
83) tert-Butylbenzene	13.442	119	561170	50.250	ug/l	86
84) 1,2,4-Trimethylbenzene	13.483	105	645867	49.110	ug/l	91
85) sec-Butylbenzene	13.618	105	730906	47.748	ug/l	100
86) p-Isopropyltoluene	13.730	119	659195	53.327	ug/l	90
87) 1,3-Dichlorobenzene	13.736	146	313918	49.928	ug/l	97
88) 1,4-Dichlorobenzene	13.813	146	301728	47.839	ug/l	96
89) n-Butylbenzene	14.060	91	506257	49.078	ug/l	98
90) Hexachloroethane	14.336	117	117449	49.446	ug/l	69
91) 1,2-Dichlorobenzene	14.107	146	305185	48.318	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.718	75	53519	53.385	ug/l	82
93) 1,2,4-Trichlorobenzene	15.395	180	191878	54.652	ug/l	96
94) Hexachlorobutadiene	15.501	225	117322	62.721	ug/l	98
95) Naphthalene	15.642	128	544228	52.065	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	184858	54.222	ug/l	100

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

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

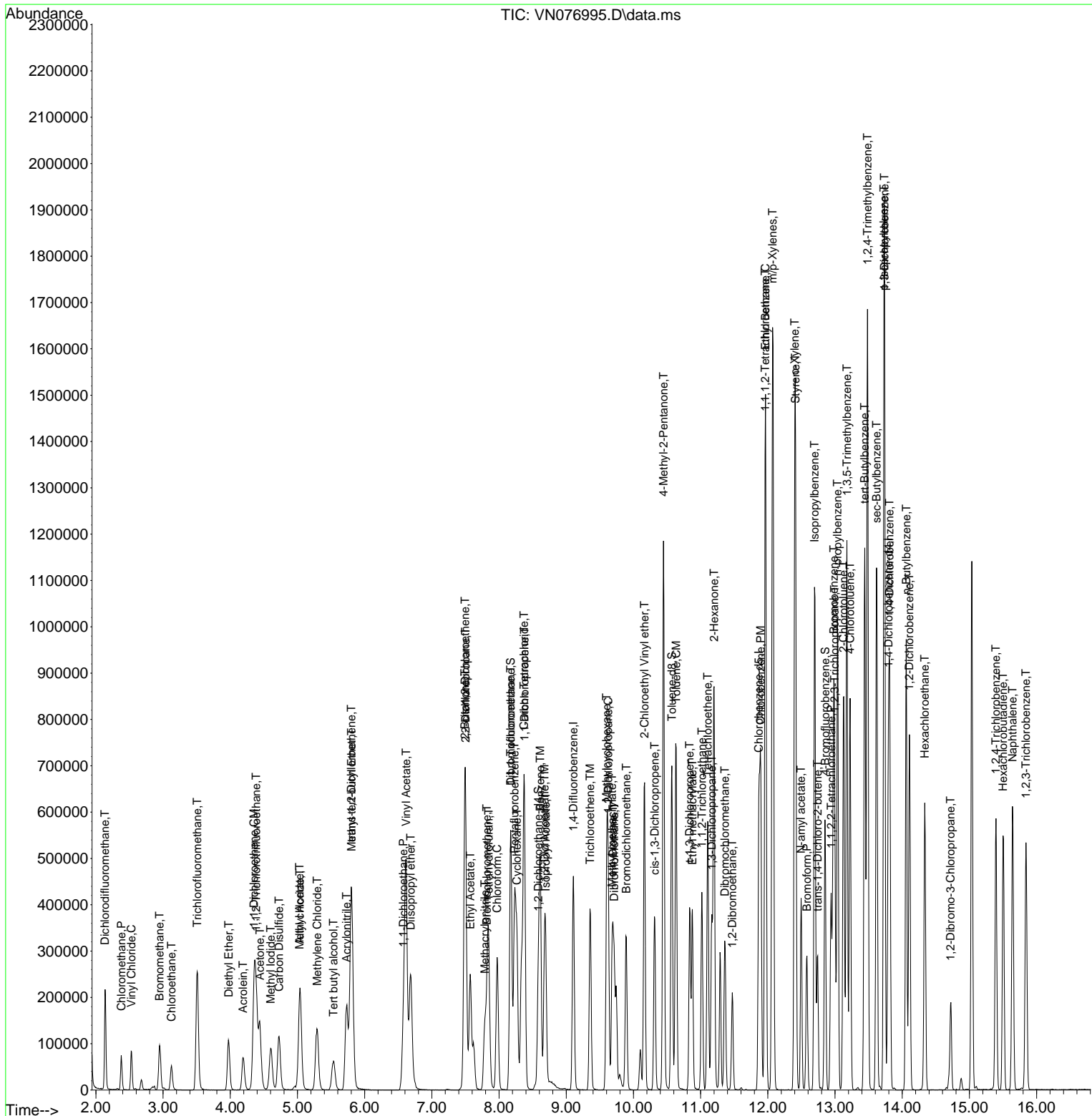
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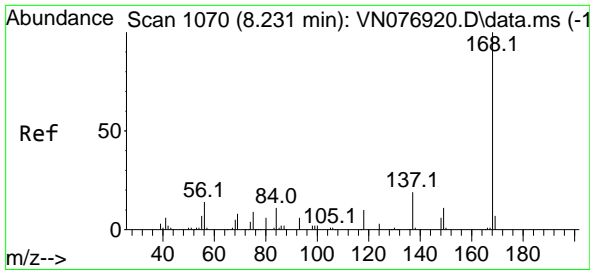
Instrument :
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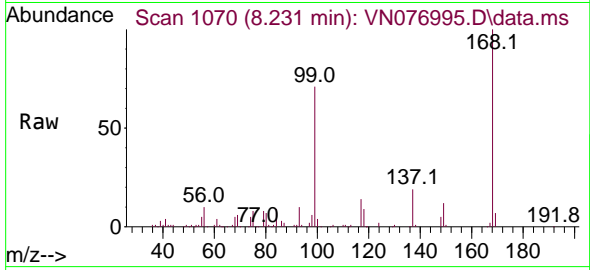
Reviewed By : John Carlone 03/15/2023
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#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.231 min Scan# 1070
 Delta R.T. -0.000 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22

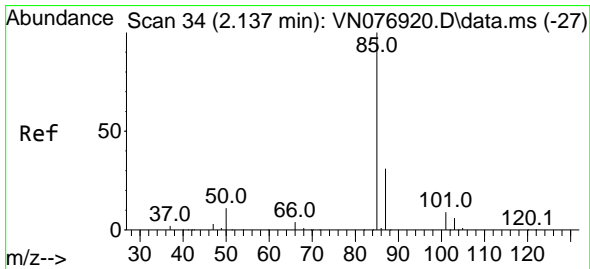
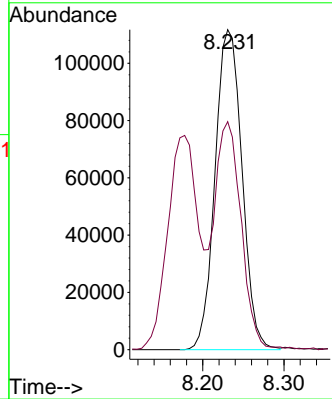
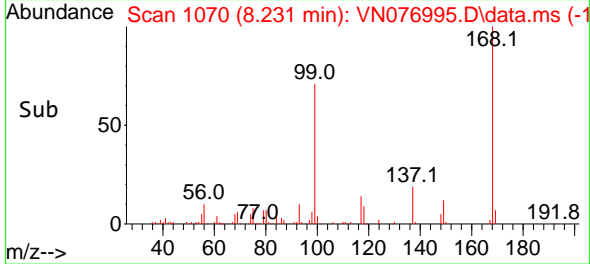
Instrument : MSVOA_N
 Client Sample Id : VSTDC050EC



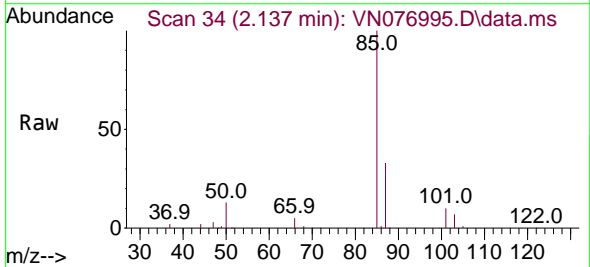
Tgt Ion: 168 Resp: 25764
 Ion Ratio Lower Upper
 168 100
 99 70.4 48.6 73.0

Manual Integrations
APPROVED

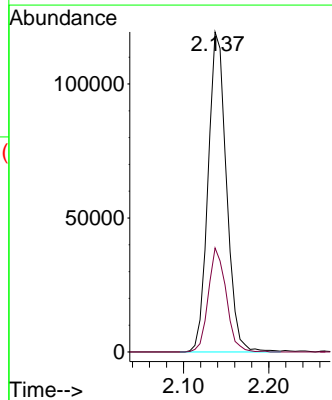
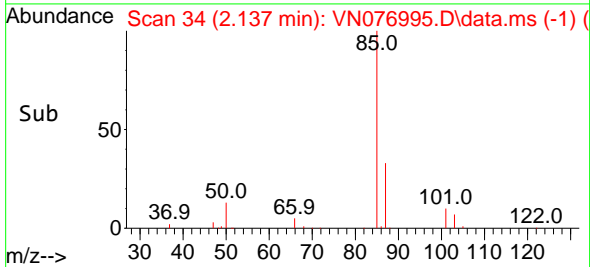
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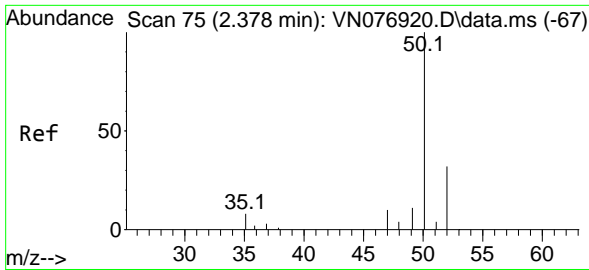


#2
 Dichlorodifluoromethane
 Concen: 38.549 ug/l
 RT: 2.137 min Scan# 34
 Delta R.T. -0.000 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22



Tgt Ion: 85 Resp: 178892
 Ion Ratio Lower Upper
 85 100
 87 32.5 16.2 48.6





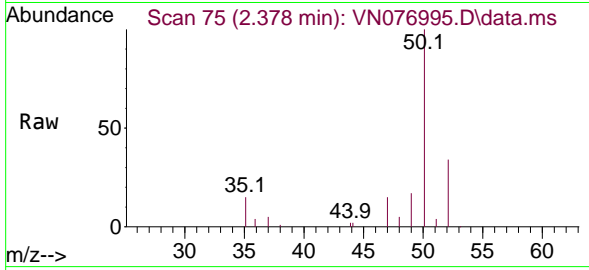
#3
 Chloromethane
 Concen: 24.707 ug/l
 RT: 2.378 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22

Instrument :

MSVOA_N

Client SampleId :

VSTDCCC050EC



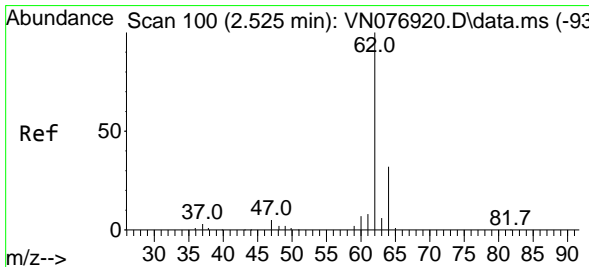
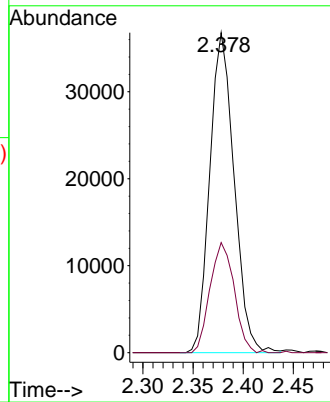
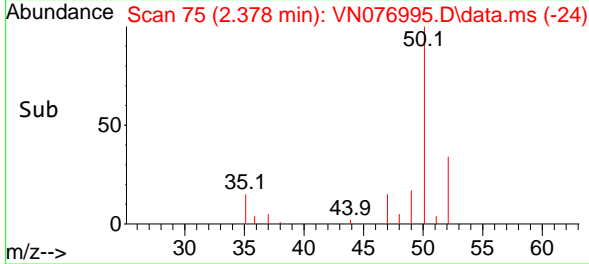
Tgt Ion: 50 Resp: 62040
 Ion Ratio Lower Upper
 50 100
 52 34.4 27.9 41.9

Manual Integrations

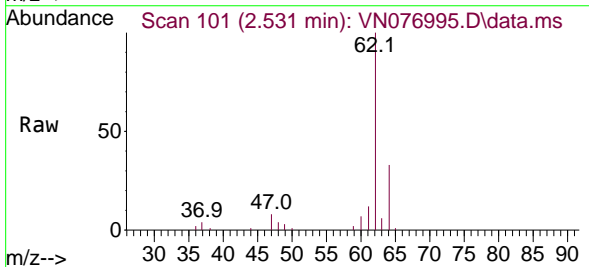
APPROVED

Reviewed By :John Carlone 03/15/2023

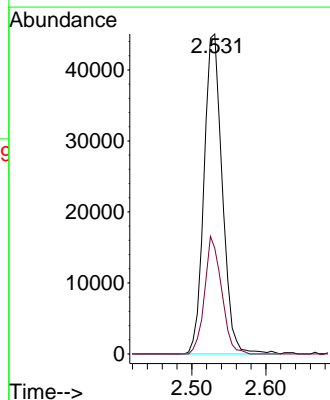
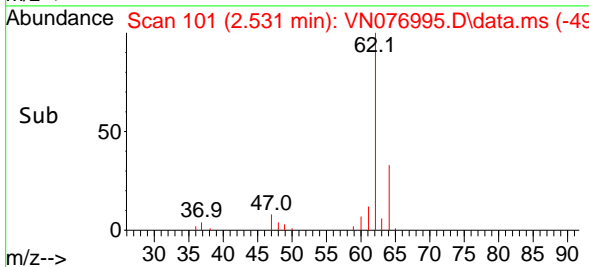
Supervised By :Mahesh Dadoda 03/15/2023

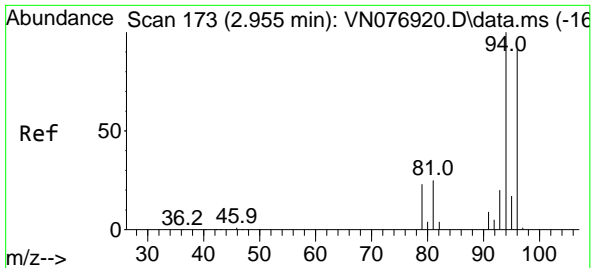


#4
 Vinyl Chloride
 Concen: 33.142 ug/l
 RT: 2.531 min Scan# 101
 Delta R.T. 0.006 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22



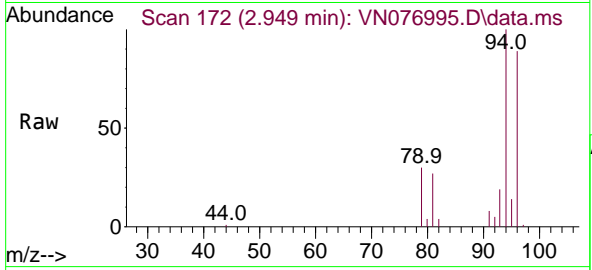
Tgt Ion: 62 Resp: 77255
 Ion Ratio Lower Upper
 62 100
 64 33.0 24.5 36.7





#5
 Bromomethane
 Concen: 42.197 ug/l
 RT: 2.949 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22

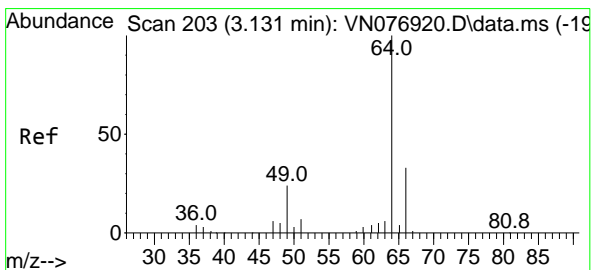
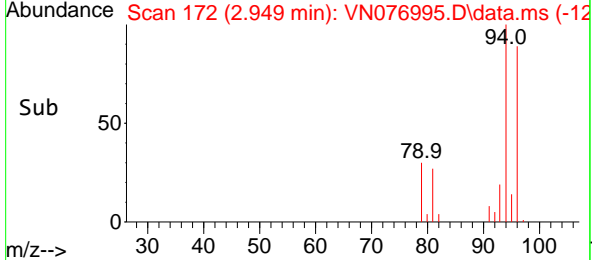
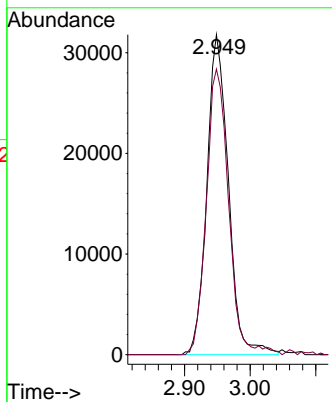
Instrument : MSVOA_N
 Client Sample Id : VSTDCCC050EC



Tgt Ion: 94 Resp: 72350
 Ion Ratio Lower Upper
 94 100
 96 89.2 79.0 118.6

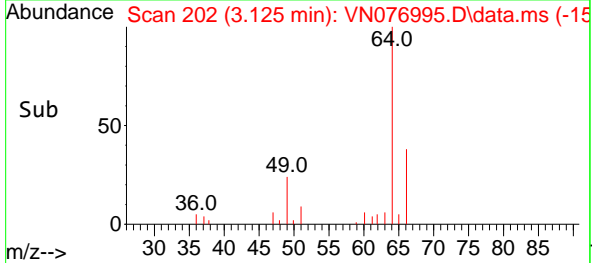
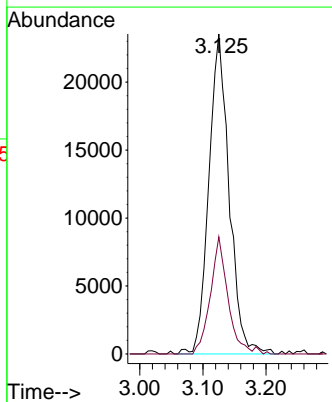
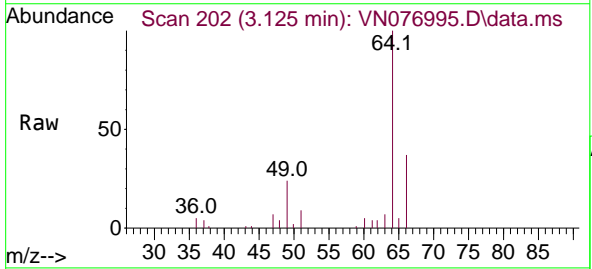
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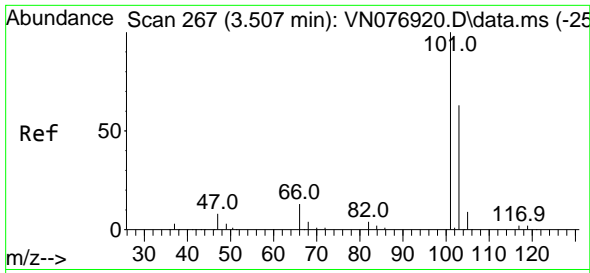
Reviewed By :John Carlone 03/15/2023
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#6
 Chloroethane
 Concen: 35.561 ug/l
 RT: 3.125 min Scan# 202
 Delta R.T. -0.006 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22

Tgt Ion: 64 Resp: 52622
 Ion Ratio Lower Upper
 64 100
 66 36.6 26.2 39.4





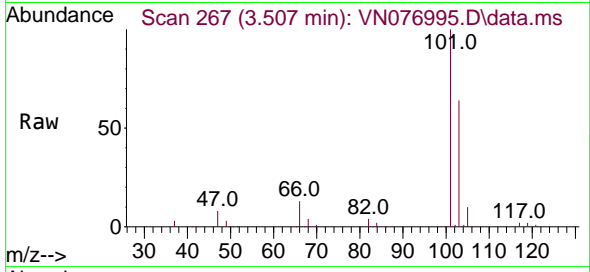
#7
 Trichlorofluoromethane
 Concen: 50.909 ug/l
 RT: 3.507 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDC050EC



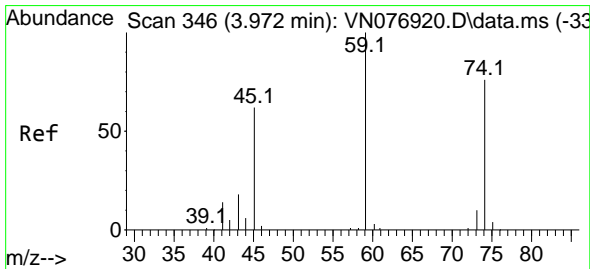
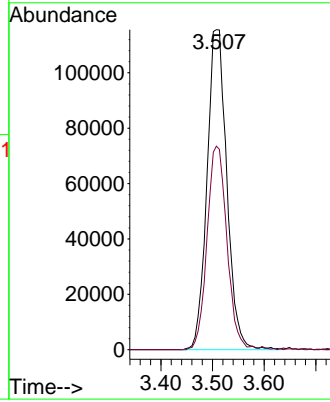
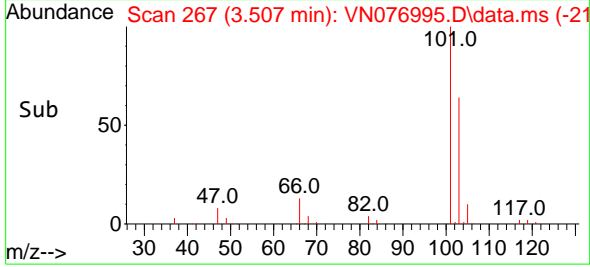
Tgt Ion:101 Resp: 30791
 Ion Ratio Lower Upper
 101 100
 103 63.6 53.4 80.0

Manual Integrations

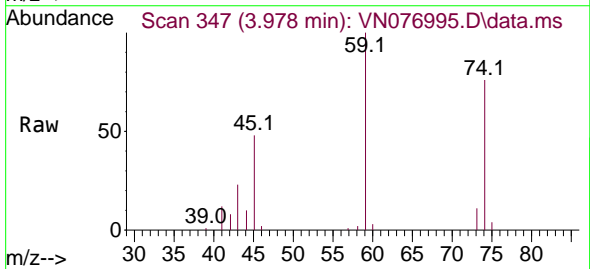
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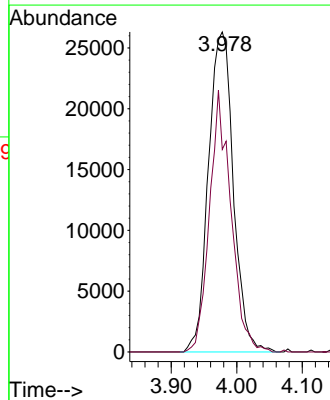
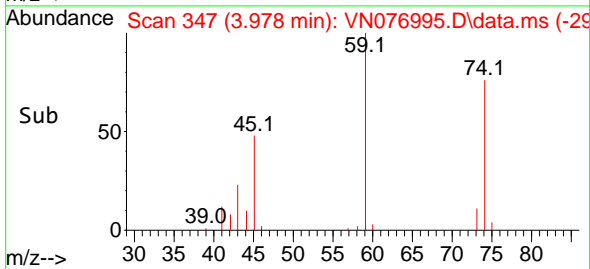
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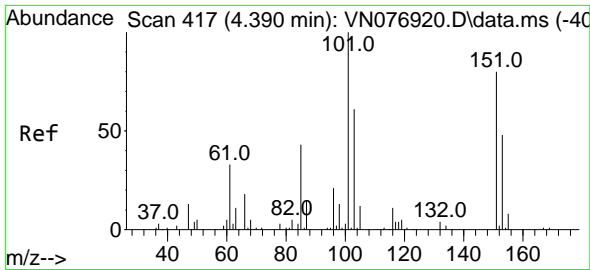


#8
 Diethyl Ether
 Concen: 35.703 ug/l
 RT: 3.978 min Scan# 347
 Delta R.T. 0.006 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22



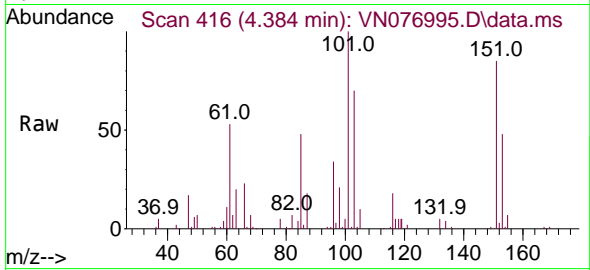
Tgt Ion: 74 Resp: 69477
 Ion Ratio Lower Upper
 74 100
 45 70.4 35.5 106.5





#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 39.322 ug/l
 RT: 4.384 min Scan# 416
 Delta R.T. -0.006 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22

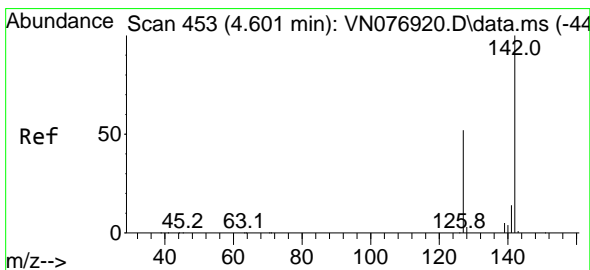
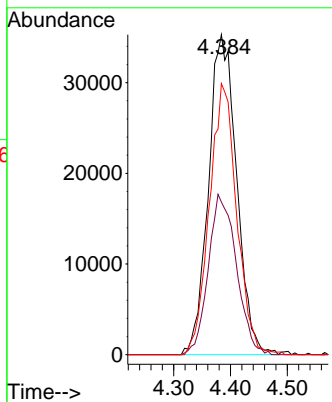
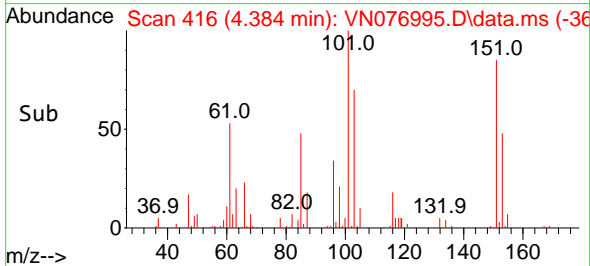
Instrument : MSVOA_N
 Client Sample Id : VSTDCCC050EC



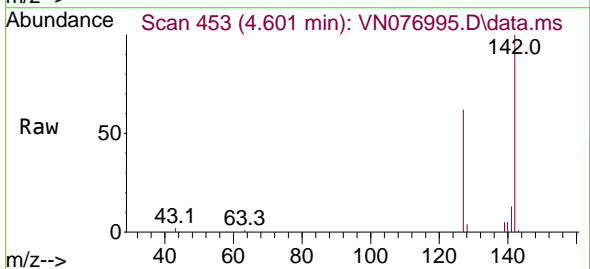
Tgt Ion: 101 Resp: 121510
 Ion Ratio Lower Upper
 101 100
 85 49.9 35.2 52.8
 151 82.2 58.9 88.3

Manual Integrations
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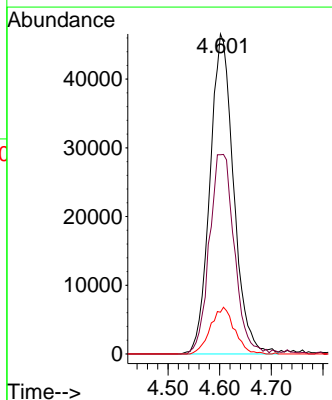
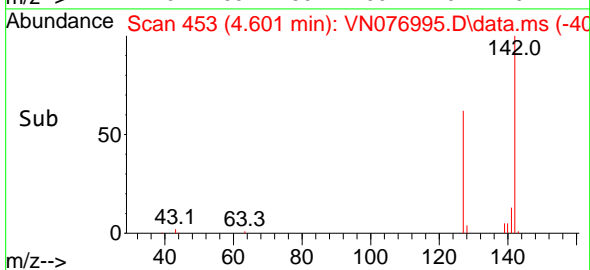
Reviewed By : John Carlone 03/15/2023
 Supervised By : Mahesh Dadoda 03/15/2023

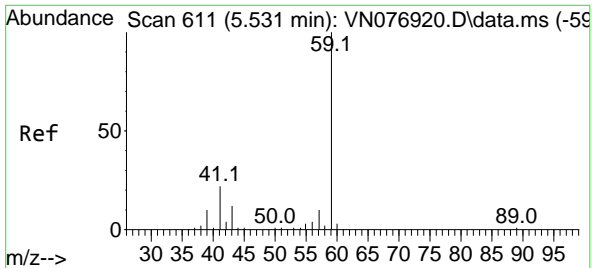


#10
 Methyl Iodide
 Concen: 45.793 ug/l
 RT: 4.601 min Scan# 453
 Delta R.T. 0.000 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22



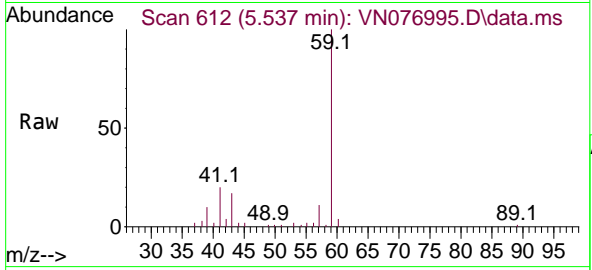
Tgt Ion: 142 Resp: 148109
 Ion Ratio Lower Upper
 142 100
 127 62.2 35.2 52.8#
 141 13.0 10.2 15.2





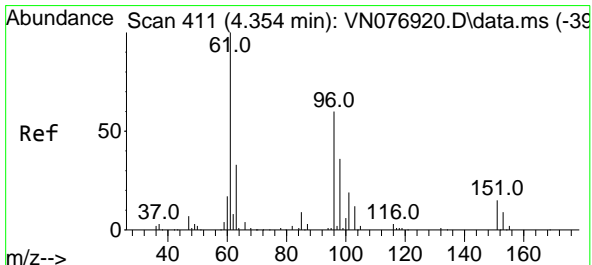
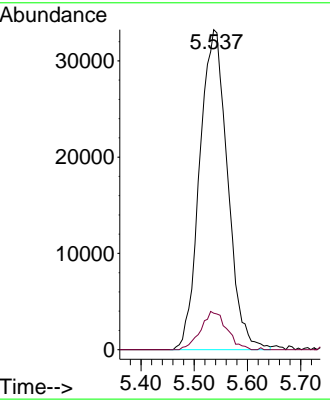
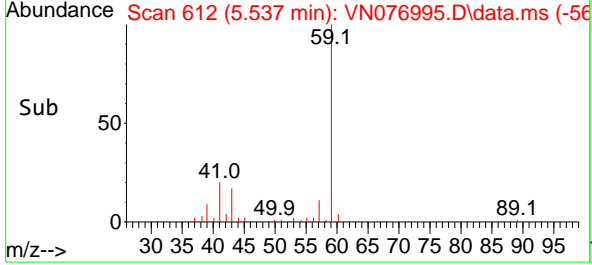
#11
 Tert butyl alcohol
 Concen: 226.051 ug/l
 RT: 5.537 min Scan# 611
 Delta R.T. 0.006 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22

Instrument : MSVOA_N
 Client Sample Id : VSTDCCC050EC

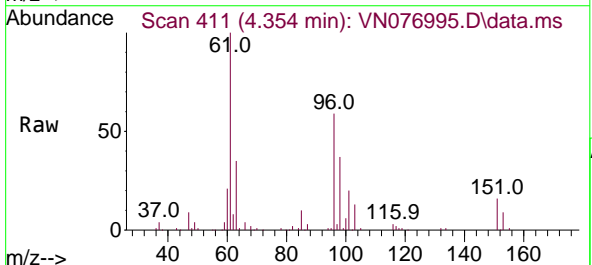


Tgt Ion: 59 Resp: 12090
 Ion Ratio Lower Upper
 59 100
 57 11.2 8.6 12.8

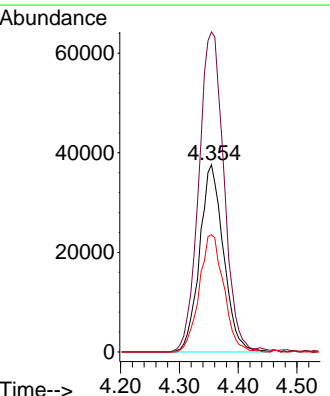
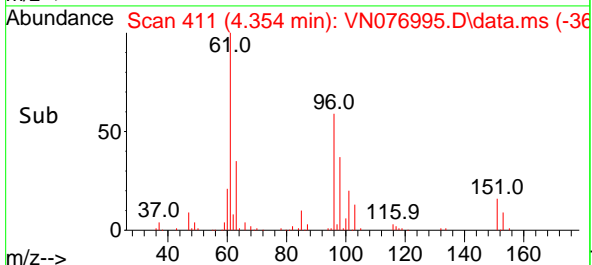
Manual Integrations
APPROVED
 Reviewed By : John Carlone 03/15/2023
 Supervised By : Mahesh Dadoda 03/15/2023

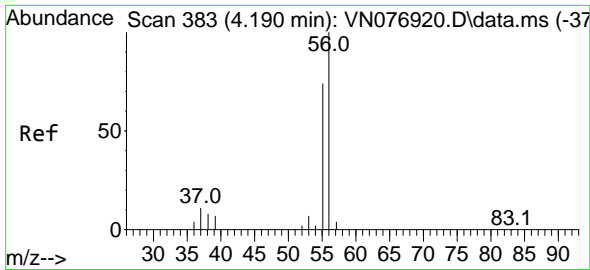


#12
 1,1-Dichloroethene
 Concen: 37.292 ug/l
 RT: 4.354 min Scan# 411
 Delta R.T. 0.000 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22



Tgt Ion: 96 Resp: 106201
 Ion Ratio Lower Upper
 96 100
 61 170.9 121.3 181.9
 98 62.6 52.1 78.1





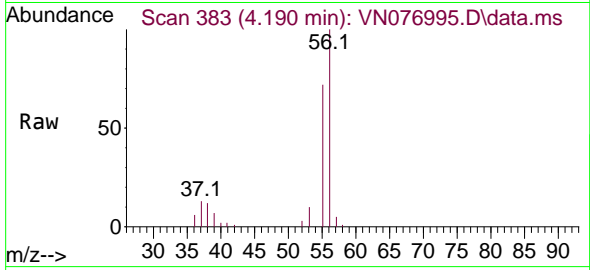
#13
 Acrolein
 Concen: 180.179 ug/l
 RT: 4.190 min Scan# 383
 Delta R.T. -0.000 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



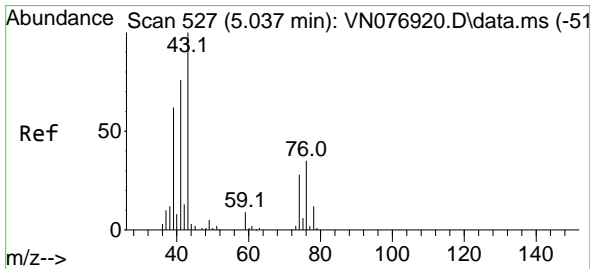
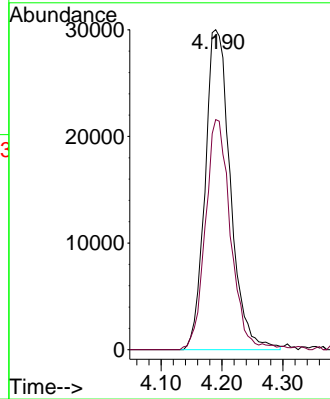
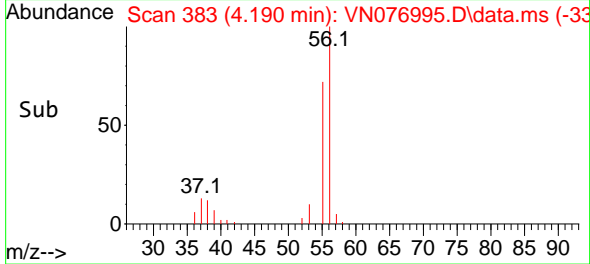
Tgt Ion: 56 Resp: 86620
 Ion Ratio Lower Upper
 56 100
 55 71.8 56.7 85.1

Manual Integrations

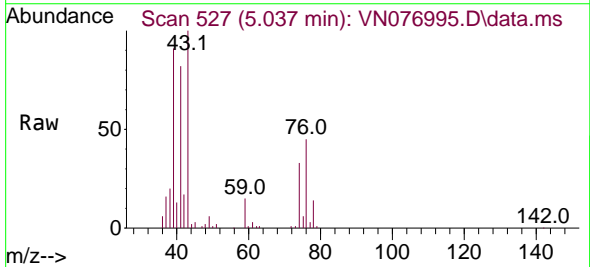
APPROVED

Reviewed By :John Carlone 03/15/2023

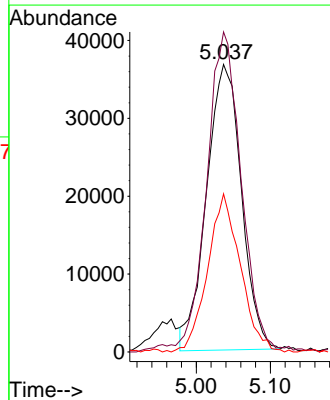
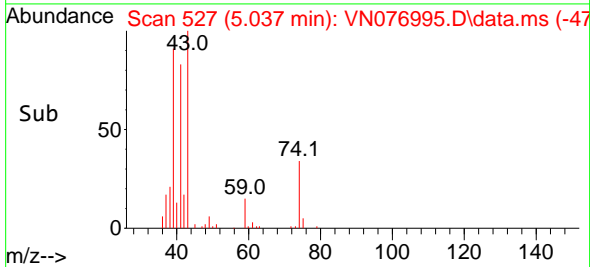
Supervised By :Mahesh Dadoda 03/15/2023

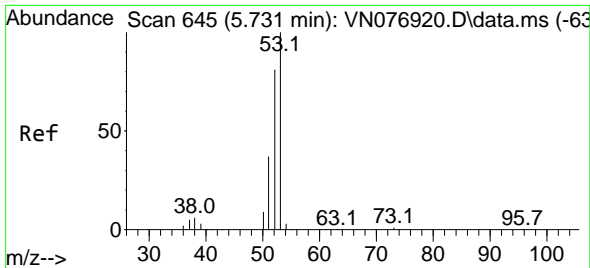


#14
 Allyl chloride
 Concen: 29.373 ug/l
 RT: 5.037 min Scan# 527
 Delta R.T. -0.000 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22



Tgt Ion: 41 Resp: 120004
 Ion Ratio Lower Upper
 41 100
 39 111.4 68.1 102.1#
 76 51.8 44.1 66.1





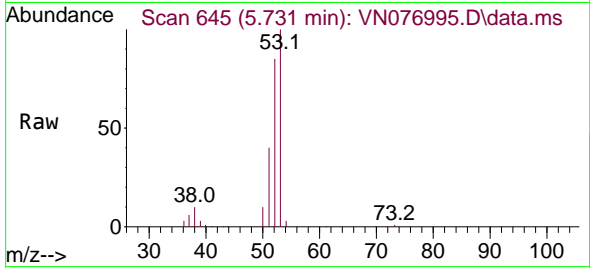
#15
 Acrylonitrile
 Concen: 154.097 ug/l
 RT: 5.731 min Scan# 645
 Delta R.T. -0.000 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



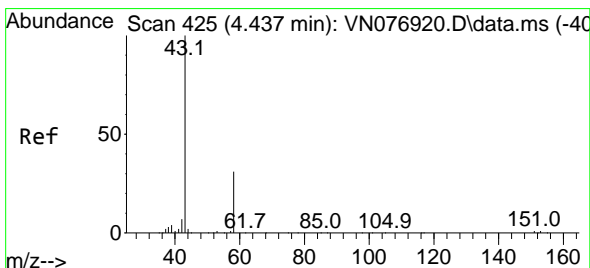
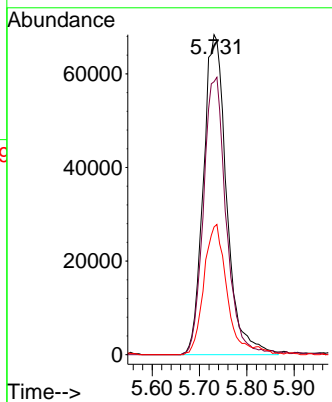
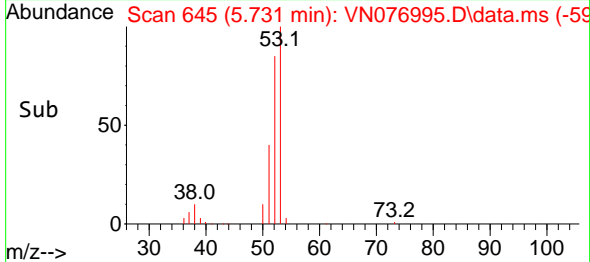
Tgt Ion: 53 Resp: 232926
 Ion Ratio Lower Upper
 53 100
 52 84.8 65.3 97.9
 51 39.7 28.8 43.2

Manual Integrations

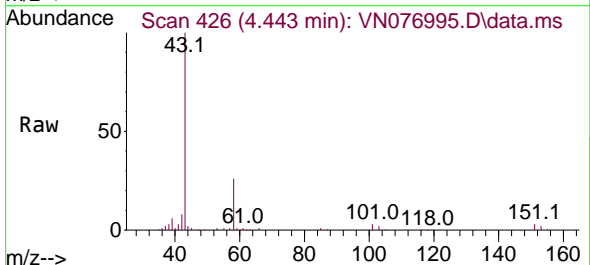
APPROVED

Reviewed By :John Carlone 03/15/2023

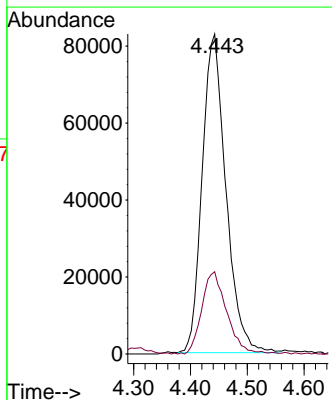
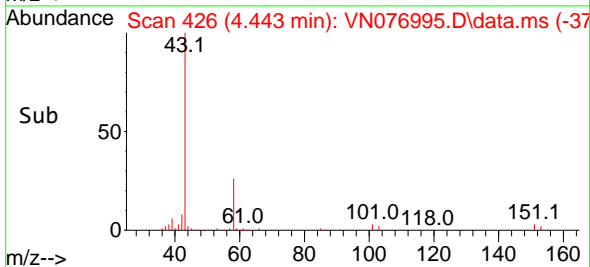
Supervised By :Mahesh Dadoda 03/15/2023

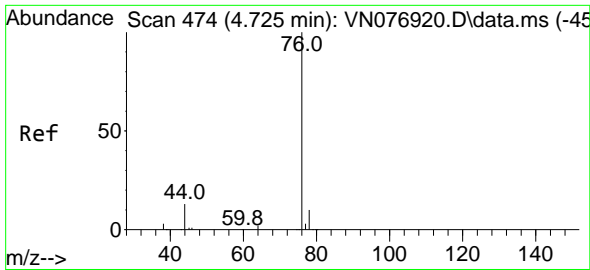


#16
 Acetone
 Concen: 180.087 ug/l
 RT: 4.443 min Scan# 426
 Delta R.T. 0.006 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22



Tgt Ion: 43 Resp: 239926
 Ion Ratio Lower Upper
 43 100
 58 25.8 28.2 42.2#





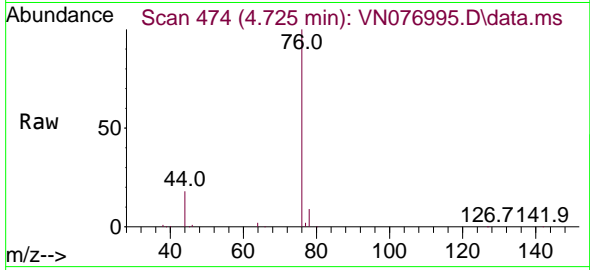
#17
 Carbon Disulfide
 Concen: 34.074 ug/l
 RT: 4.725 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22

Instrument :

MSVOA_N

Client Sample Id :

VSTDCCC050EC



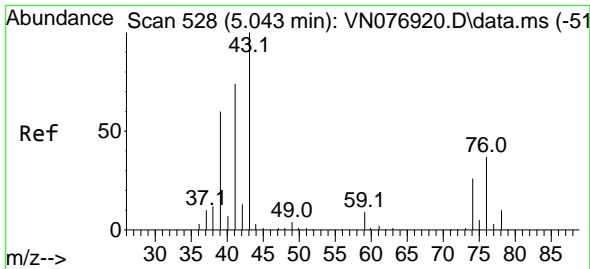
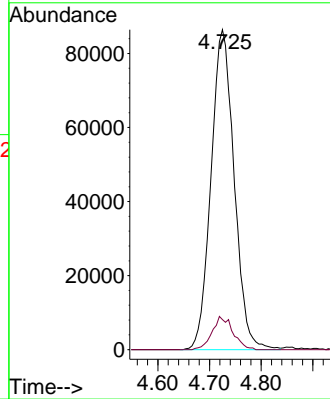
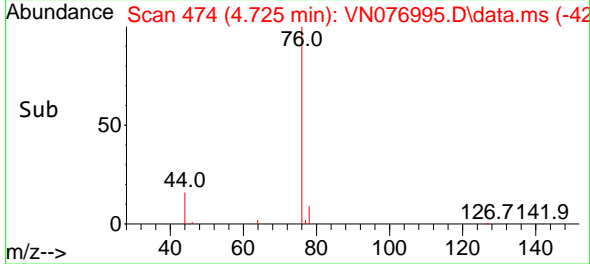
Tgt Ion: 76 Resp: 268800
 Ion Ratio Lower Upper
 76 100
 78 9.4 7.8 11.8

Manual Integrations

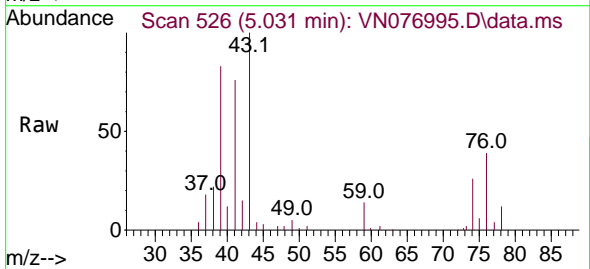
APPROVED

Reviewed By :John Carlone 03/15/2023

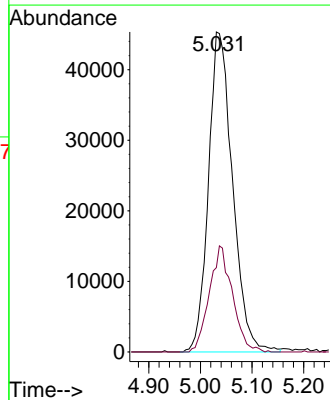
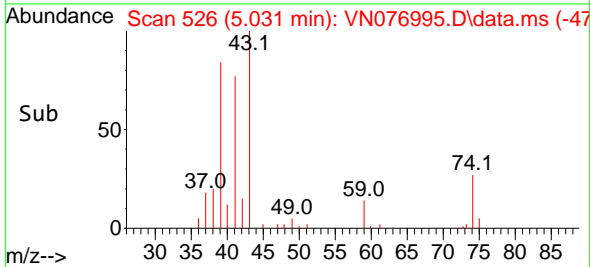
Supervised By :Mahesh Dadoda 03/15/2023

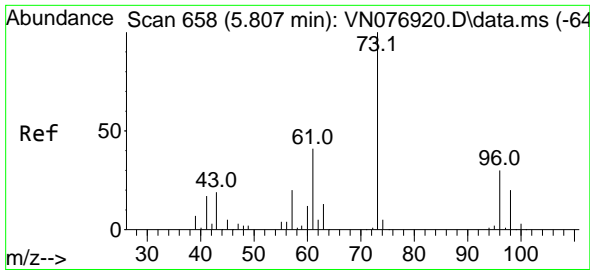


#18
 Methyl Acetate
 Concen: 29.885 ug/l
 RT: 5.031 min Scan# 526
 Delta R.T. -0.012 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22



Tgt Ion: 43 Resp: 146840
 Ion Ratio Lower Upper
 43 100
 74 31.8 25.9 38.9





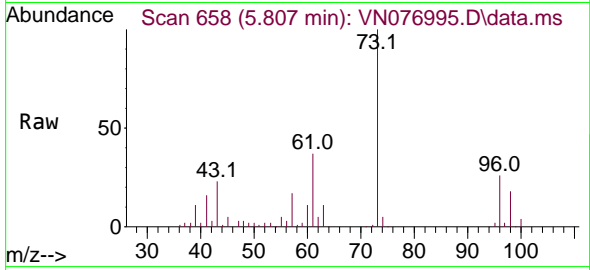
#19
 Methyl tert-butyl Ether
 Concen: 44.550 ug/l
 RT: 5.807 min Scan# 611
 Delta R.T. 0.000 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



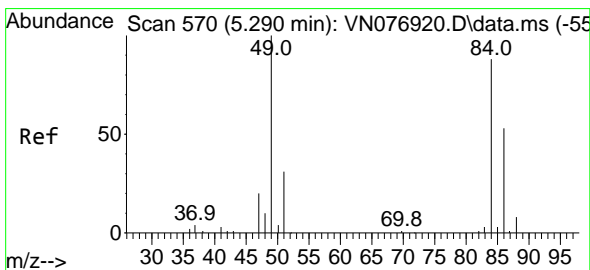
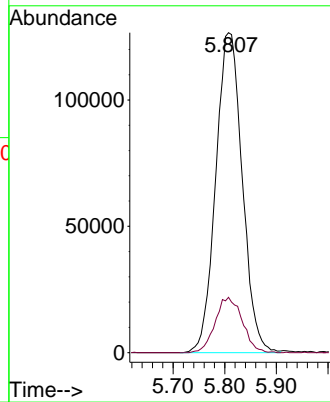
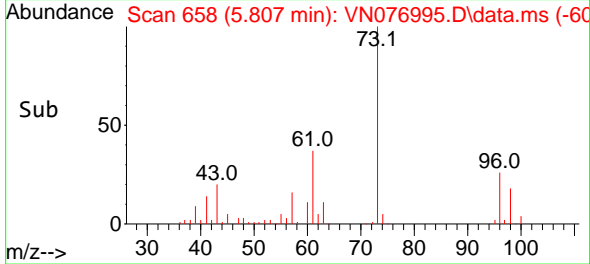
Tgt Ion: 73 Resp: 451124
 Ion Ratio Lower Upper
 73 100
 57 17.3 16.1 24.1

Manual Integrations

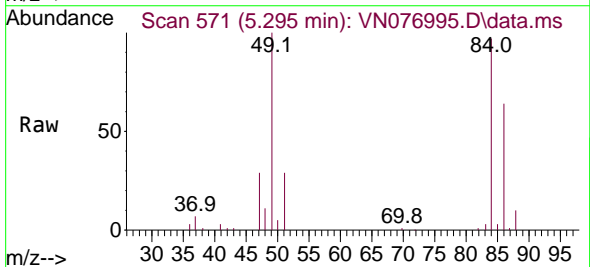
APPROVED

Reviewed By :John Carlone 03/15/2023

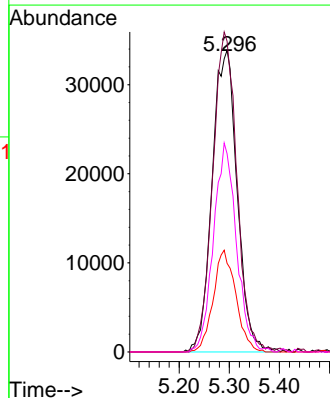
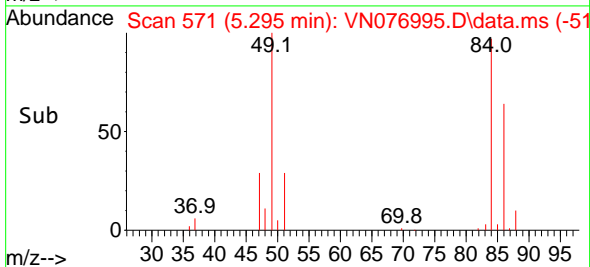
Supervised By :Mahesh Dadoda 03/15/2023

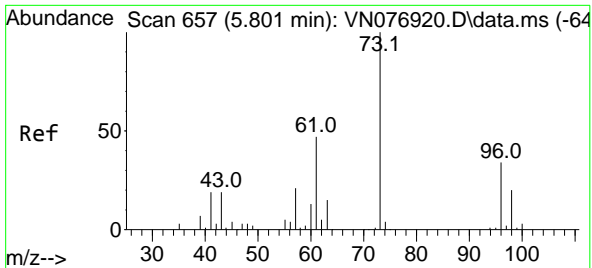


#20
 Methylene Chloride
 Concen: 34.358 ug/l
 RT: 5.295 min Scan# 571
 Delta R.T. 0.005 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22



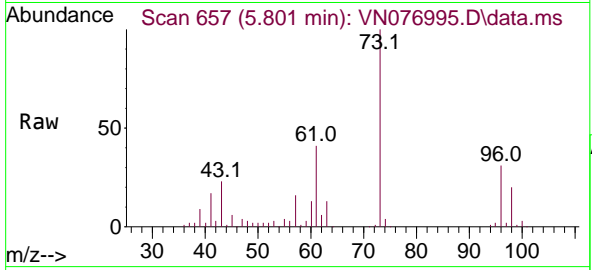
Tgt Ion: 84 Resp: 117698
 Ion Ratio Lower Upper
 84 100
 49 103.0 76.6 114.8
 51 29.4 25.4 38.2
 86 65.7 51.1 76.7





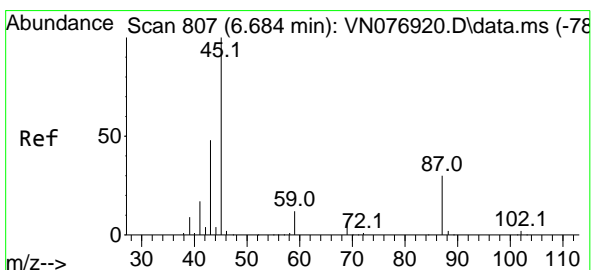
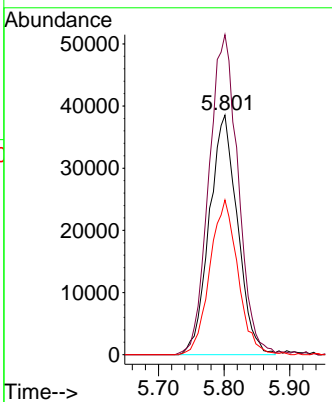
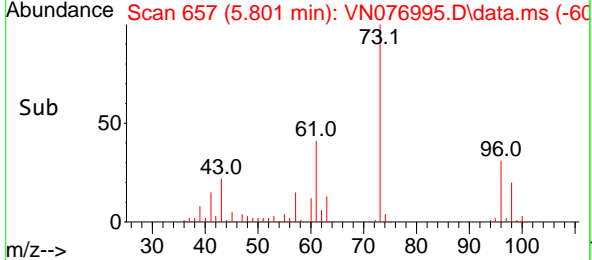
#21
 trans-1,2-Dichloroethene
 Concen: 38.183 ug/l
 RT: 5.801 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22

Instrument : MSVOA_N
 ClientSampleId : VSTDCCC050EC

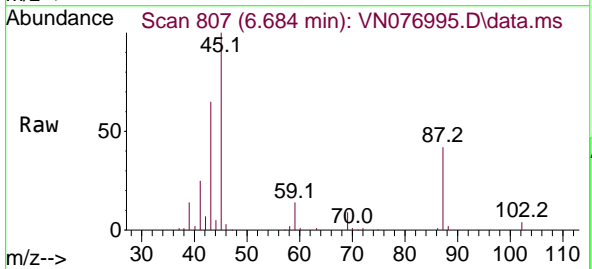


Tgt Ion: 96 Resp: 115279
 Ion Ratio Lower Upper
 96 100
 61 133.6 95.0 142.6
 98 64.6 54.5 81.7

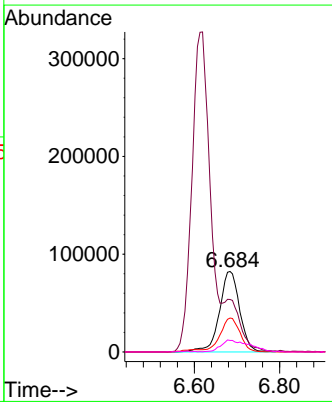
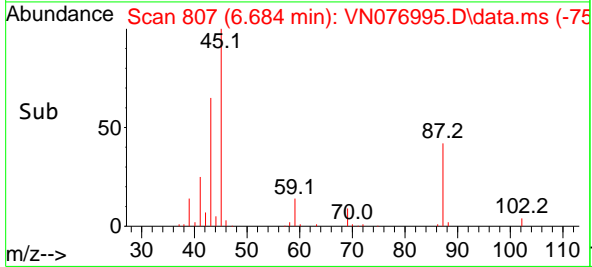
Manual Integrations
APPROVED
 Reviewed By :John Carlone 03/15/2023
 Supervised By :Mahesh Dadoda 03/15/2023

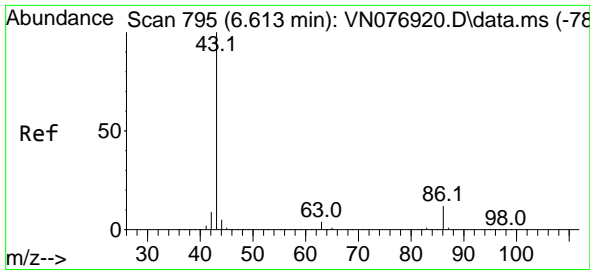


#22
 Diisopropyl ether
 Concen: 30.055 ug/l
 RT: 6.684 min Scan# 807
 Delta R.T. -0.000 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22



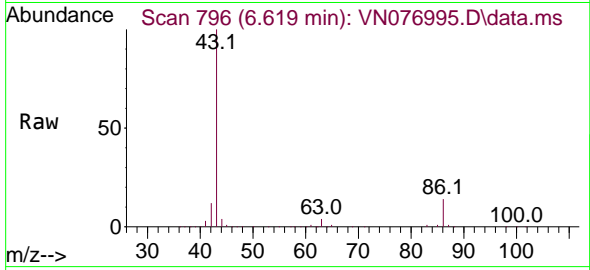
Tgt Ion: 45 Resp: 271651
 Ion Ratio Lower Upper
 45 100
 43 64.3 42.6 63.8#
 87 41.9 29.7 44.5
 59 14.2 11.3 16.9





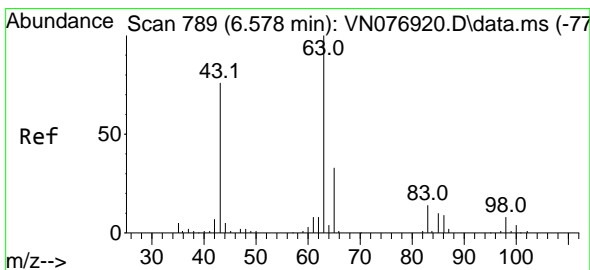
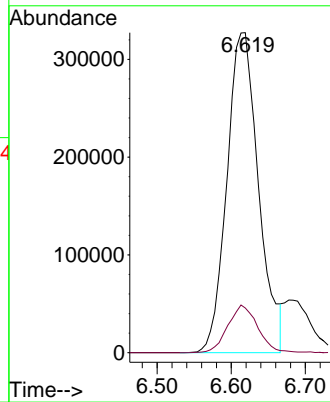
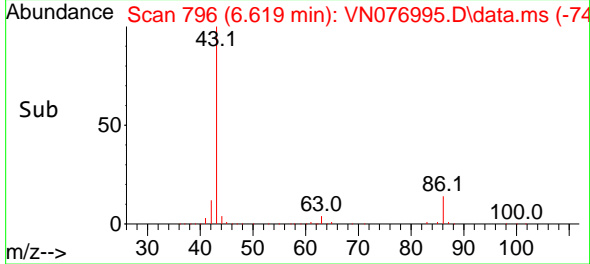
#23
 Vinyl Acetate
 Concen: 174.719 ug/l
 RT: 6.619 min Scan# 796
 Delta R.T. 0.006 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22

Instrument : MSVOA_N
 Client Sample Id : VSTDC050EC

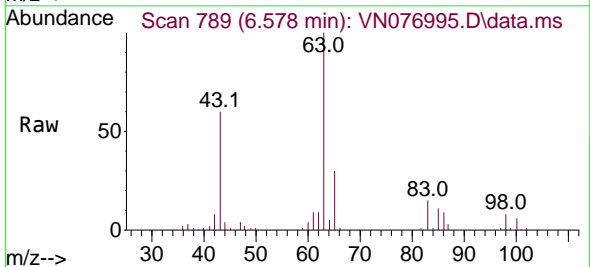


Tgt Ion: 43 Resp: 97250
 Ion Ratio Lower Upper
 43 100
 86 14.0 11.8 17.6

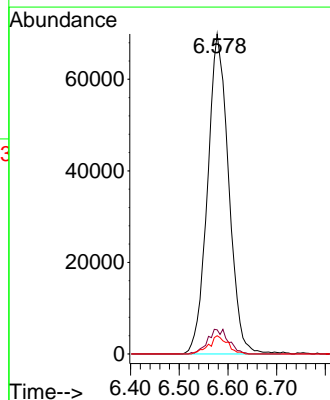
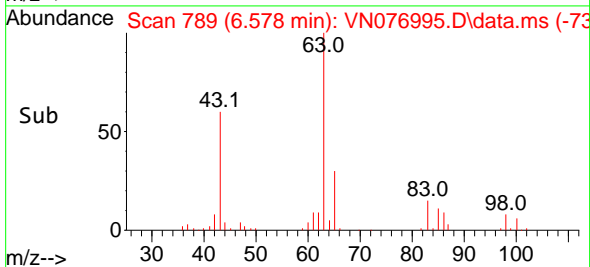
Manual Integrations
APPROVED
 Reviewed By :John Carlone 03/15/2023
 Supervised By :Mahesh Dadoda 03/15/2023

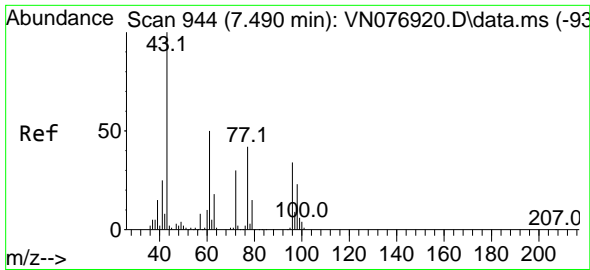


#24
 1,1-Dichloroethane
 Concen: 36.420 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22



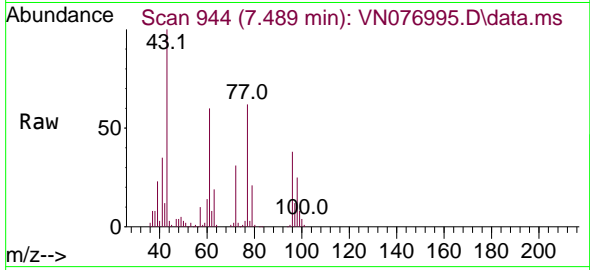
Tgt Ion: 63 Resp: 210272
 Ion Ratio Lower Upper
 63 100
 98 7.6 4.2 12.6
 100 5.7 2.2 6.6





#25
 2-Butanone
 Concen: 162.930 ug/l
 RT: 7.489 min Scan# 944
 Delta R.T. -0.001 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22

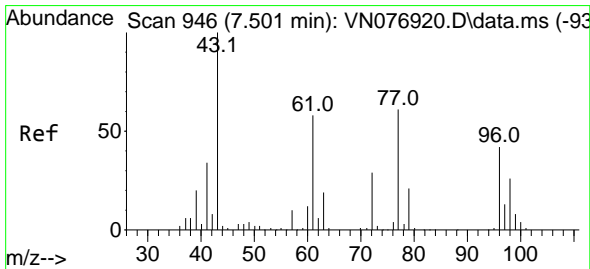
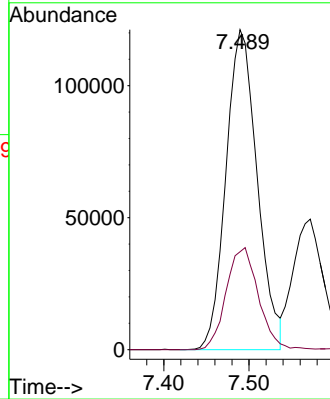
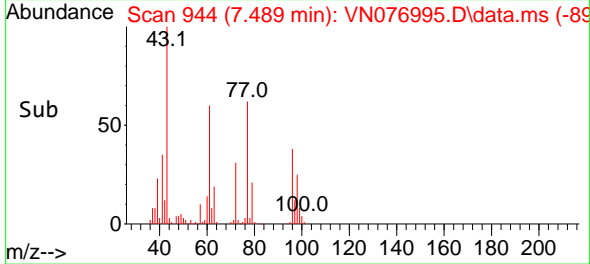
Instrument : MSVOA_N
 ClientSampleId : VSTDCCC050EC



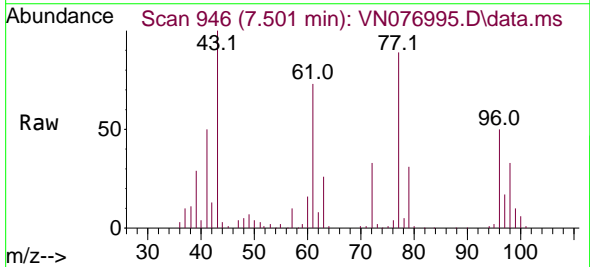
Tgt Ion: 43 Resp: 308724
 Ion Ratio Lower Upper
 43 100
 72 30.6 28.8 43.2

Manual Integrations
APPROVED

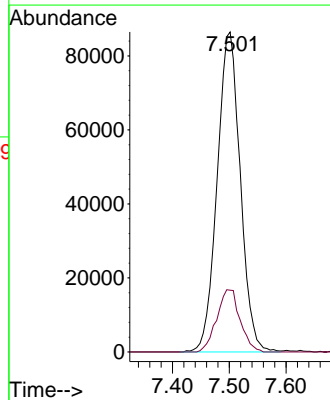
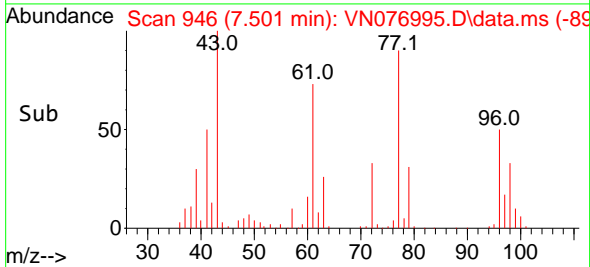
Reviewed By :John Carlone 03/15/2023
 Supervised By :Mahesh Dadoda 03/15/2023

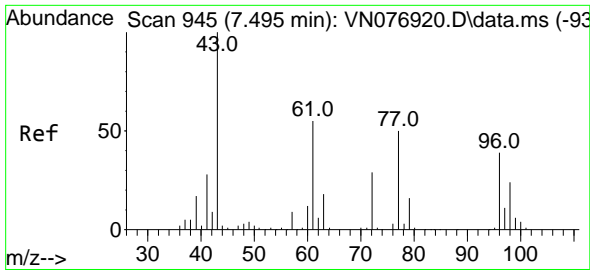


#26
 2,2-Dichloropropane
 Concen: 47.807 ug/l
 RT: 7.501 min Scan# 946
 Delta R.T. 0.000 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22



Tgt Ion: 77 Resp: 244261
 Ion Ratio Lower Upper
 77 100
 97 19.6 11.5 34.5





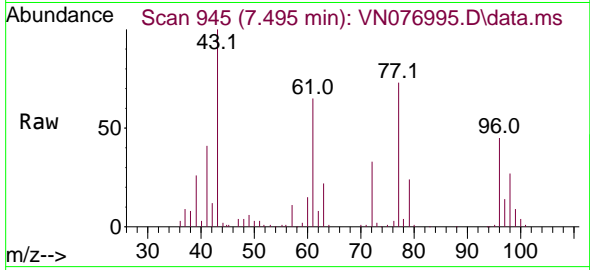
#27
 cis-1,2-Dichloroethene
 Concen: 39.166 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. 0.000 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



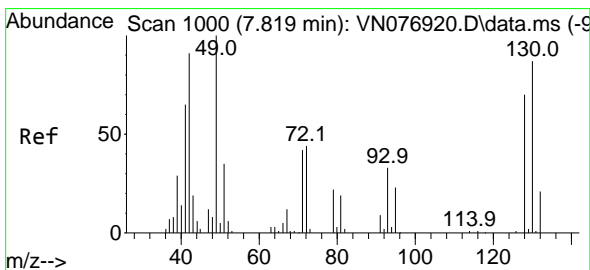
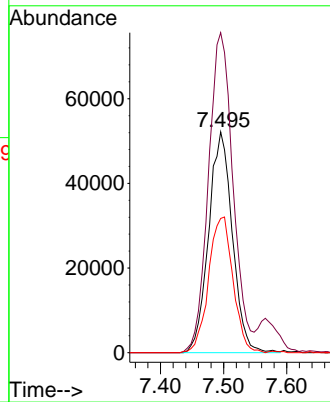
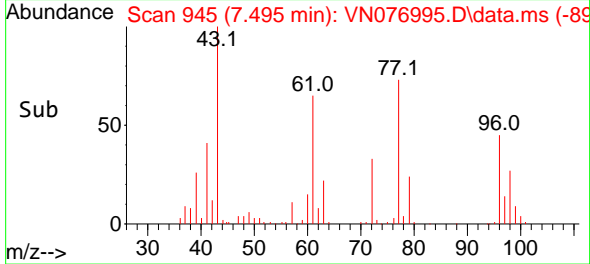
Tgt Ion: 96 Resp: 136440
 Ion Ratio Lower Upper
 96 100
 61 150.2 0.0 255.6
 98 63.0 0.0 127.4

Manual Integrations

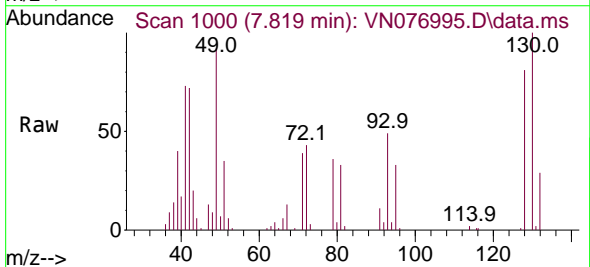
APPROVED

Reviewed By :John Carlone 03/15/2023

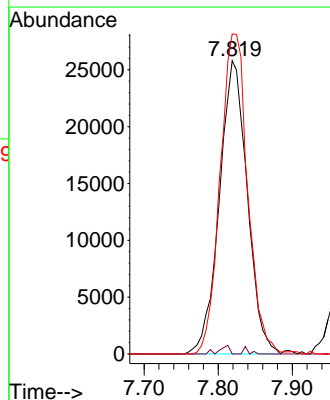
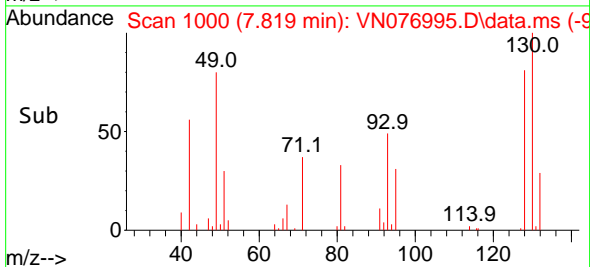
Supervised By :Mahesh Dadoda 03/15/2023

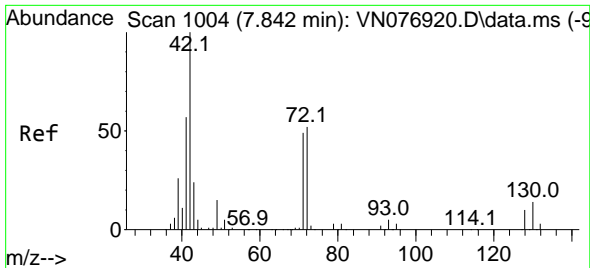


#28
 Bromochloromethane
 Concen: 32.249 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22



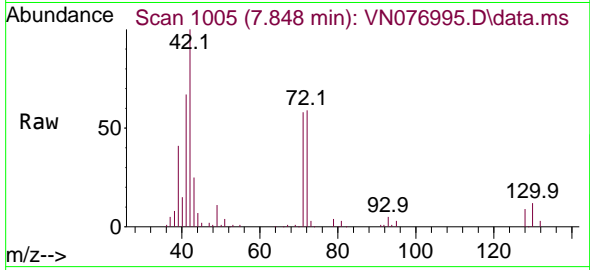
Tgt Ion: 49 Resp: 67351
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 4.6
 130 107.8 74.8 112.2





#29
 Tetrahydrofuran
 Concen: 154.056 ug/l
 RT: 7.848 min Scan# 1005
 Delta R.T. 0.006 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22

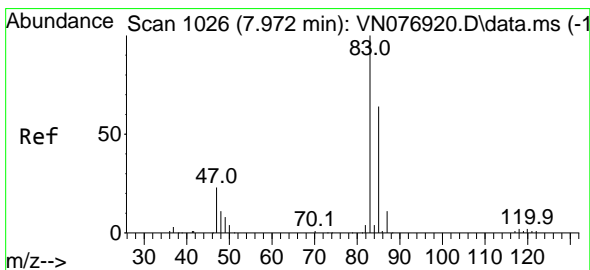
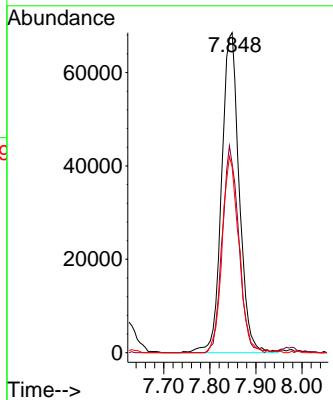
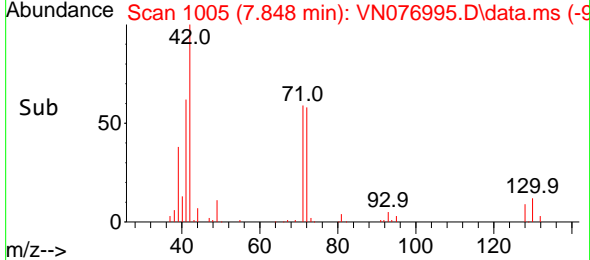
Instrument : MSVOA_N
 Client Sample Id : VSTDCCC050EC



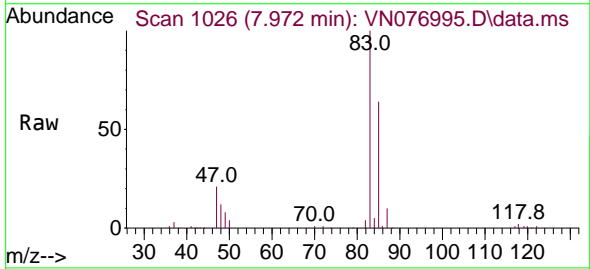
Tgt Ion: 42 Resp: 18093
 Ion Ratio Lower Upper
 42 100
 72 60.9 48.6 73.0
 71 58.6 45.1 67.7

Manual Integrations
 APPROVED

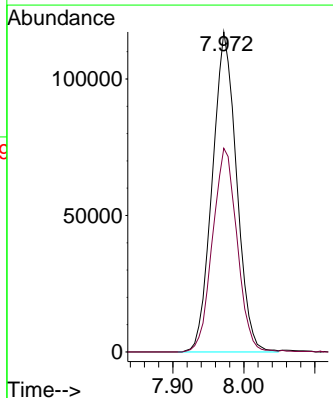
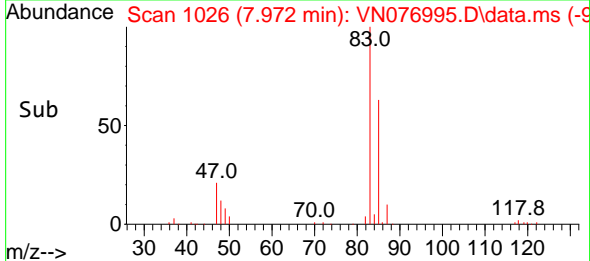
Reviewed By :John Carlone 03/15/2023
 Supervised By :Mahesh Dadoda 03/15/2023

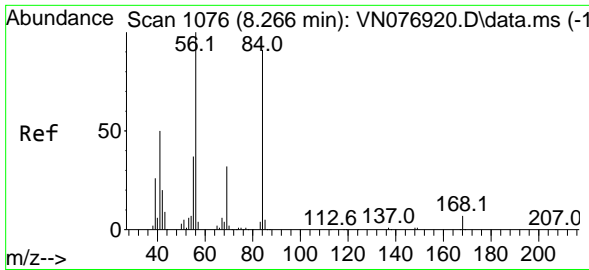


#30
 Chloroform
 Concen: 44.715 ug/l
 RT: 7.972 min Scan# 1026
 Delta R.T. -0.000 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22



Tgt Ion: 83 Resp: 277390
 Ion Ratio Lower Upper
 83 100
 85 63.7 51.3 76.9





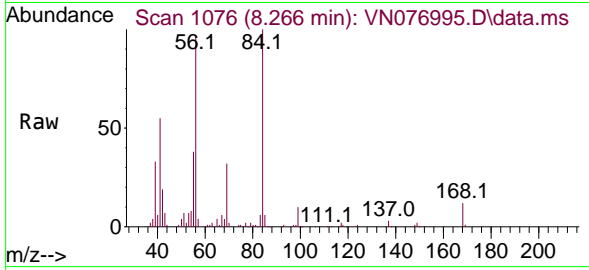
#31
 Cyclohexane
 Concen: 29.518 ug/l
 RT: 8.266 min Scan# 1076
 Delta R.T. -0.000 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



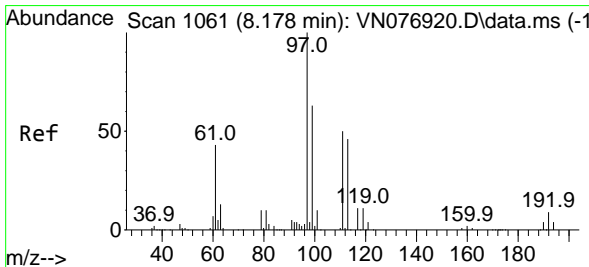
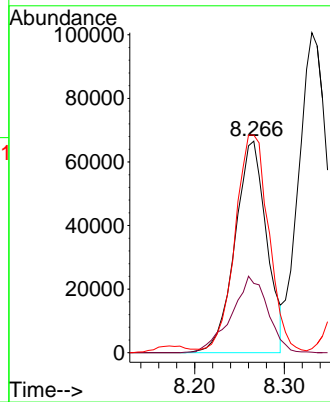
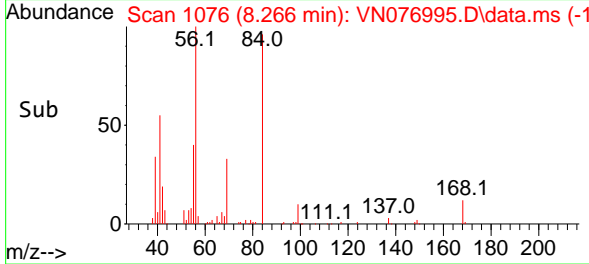
Tgt Ion: 56 Resp: 16282
 Ion Ratio Lower Upper
 56 100
 69 32.8 27.0 40.6
 84 99.8 82.9 124.3

Manual Integrations

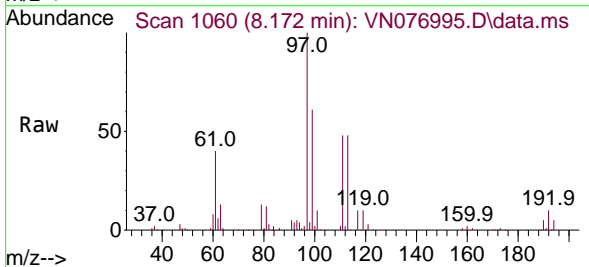
APPROVED

Reviewed By :John Carlone 03/15/2023

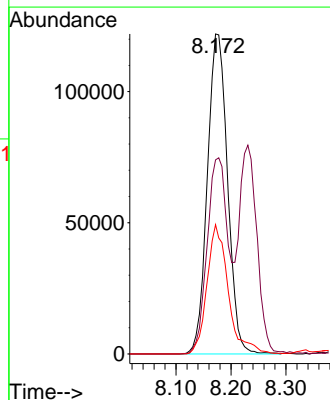
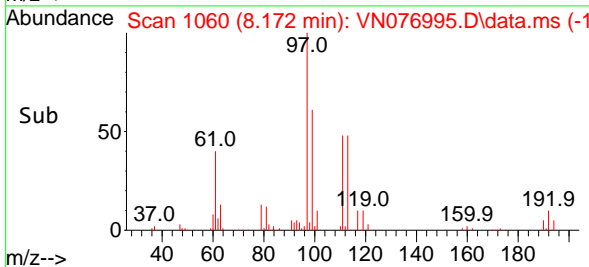
Supervised By :Mahesh Dadoda 03/15/2023

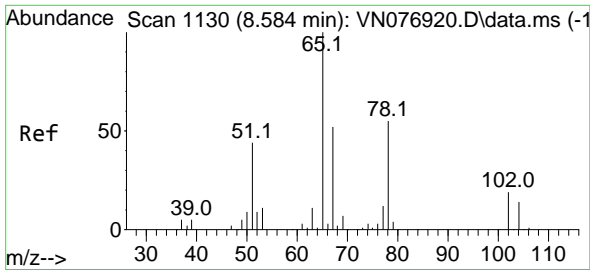


#32
 1,1,1-Trichloroethane
 Concen: 53.559 ug/l
 RT: 8.172 min Scan# 1060
 Delta R.T. -0.006 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22



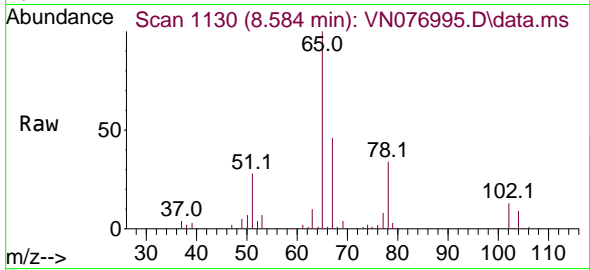
Tgt Ion: 97 Resp: 311502
 Ion Ratio Lower Upper
 97 100
 99 61.6 51.2 76.8
 61 42.6 35.7 53.5





#33
 1,2-Dichloroethane-d4
 Concen: 56.778 ug/l
 RT: 8.584 min Scan# 1130
 Delta R.T. -0.000 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22

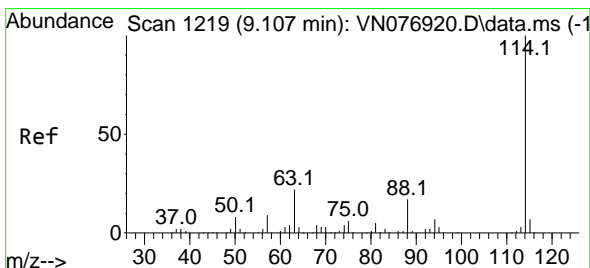
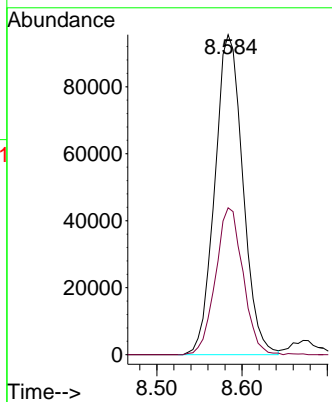
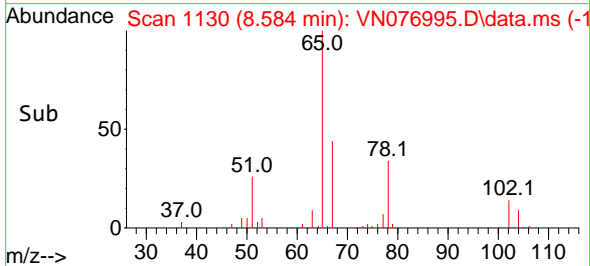
Instrument : MSVOA_N
 ClientSampleId : VSTDCCC050EC



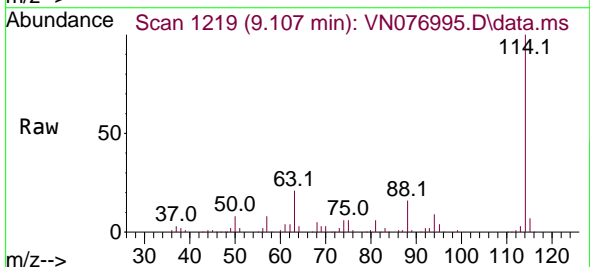
Tgt Ion: 65 Resp: 218290
 Ion Ratio Lower Upper
 65 100
 67 44.9 0.0 107.2

Manual Integrations
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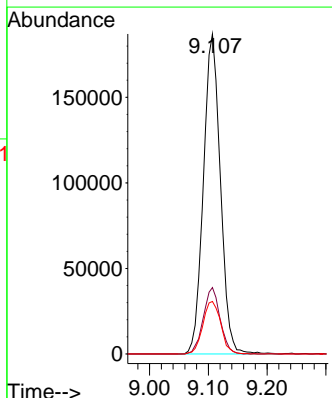
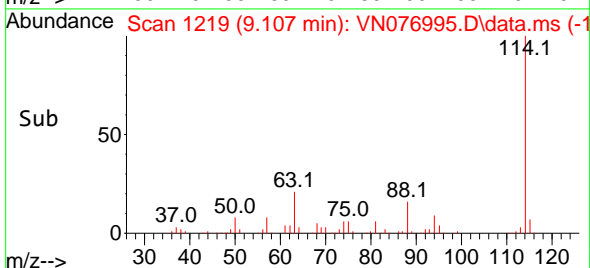
Reviewed By :John Carlone 03/15/2023
 Supervised By :Mahesh Dadoda 03/15/2023

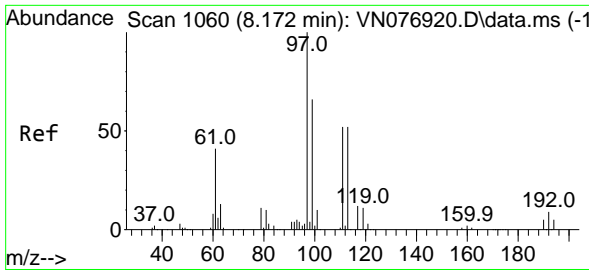


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.107 min Scan# 1219
 Delta R.T. 0.000 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22



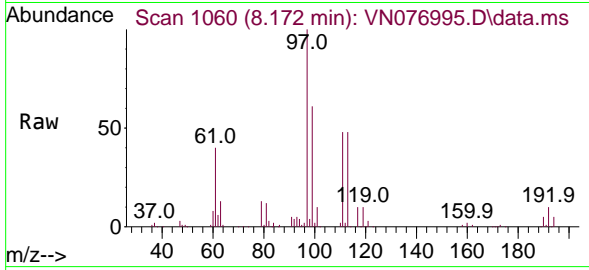
Tgt Ion:114 Resp: 376056
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 36.6
 88 16.4 0.0 28.6





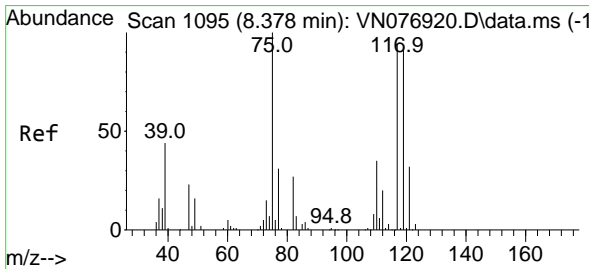
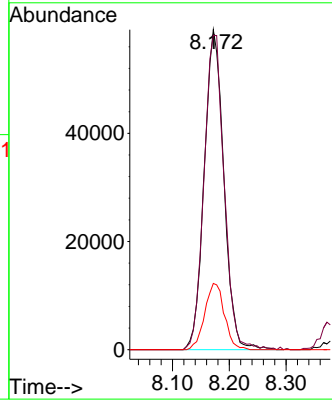
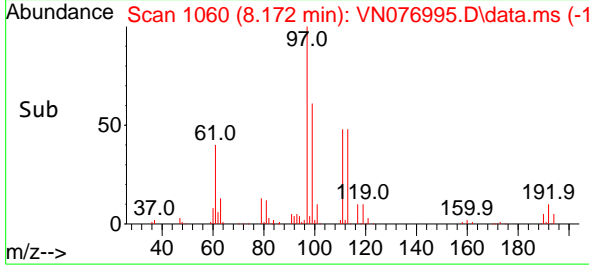
#35
 Dibromofluoromethane
 Concen: 56.544 ug/l
 RT: 8.172 min Scan# 1060
 Delta R.T. -0.000 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22

Instrument : MSVOA_N
ClientSampleId : VSTDCCC050EC

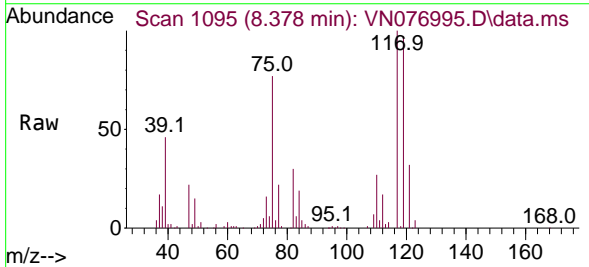


Tgt Ion:113 Resp: 14171
 Ion Ratio Lower Upper
 113 100
 111 100.8 81.8 122.8
 192 20.7 13.9 20.9

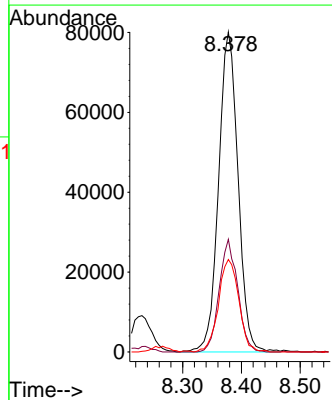
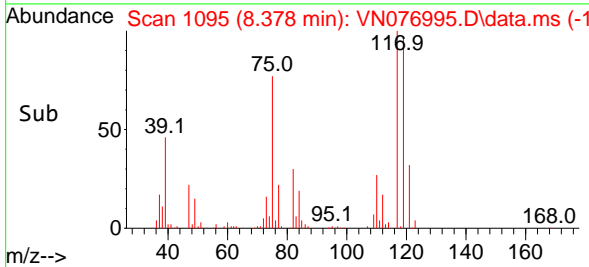
Manual Integrations
APPROVED
 Reviewed By :John Carlone 03/15/2023
 Supervised By :Mahesh Dadoda 03/15/2023

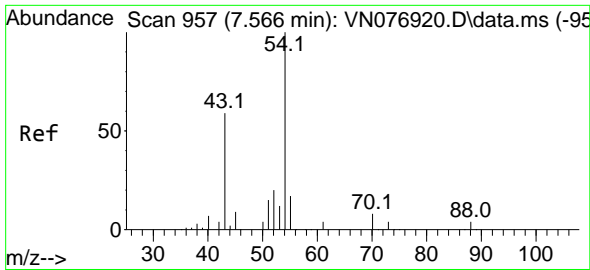


#36
 1,1-Dichloropropene
 Concen: 47.528 ug/l
 RT: 8.378 min Scan# 1095
 Delta R.T. -0.000 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22



Tgt Ion: 75 Resp: 184229
 Ion Ratio Lower Upper
 75 100
 110 33.5 18.9 56.9
 77 30.2 24.9 37.3





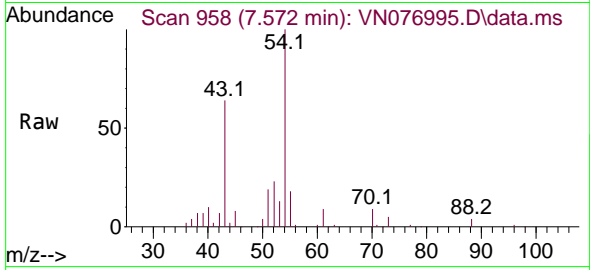
#37
 Ethyl Acetate
 Concen: 40.489 ug/l
 RT: 7.572 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



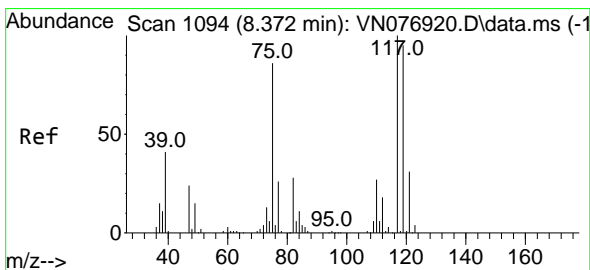
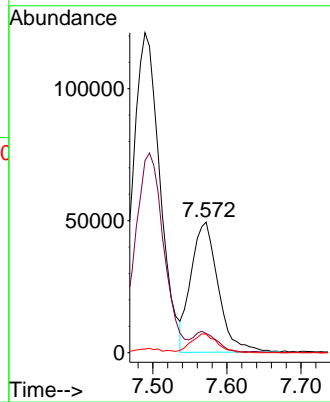
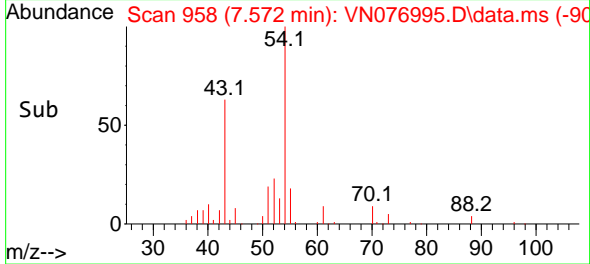
Tgt Ion: 43 Resp: 125509
 Ion Ratio Lower Upper
 43 100
 61 13.1 13.5 20.3
 70 13.7 11.0 16.6

Manual Integrations

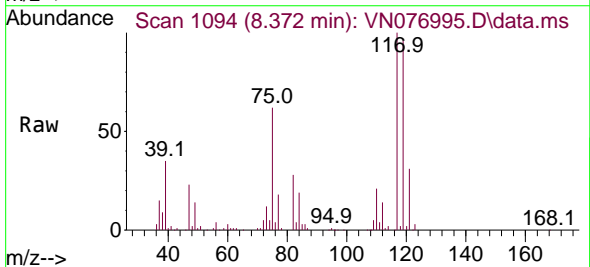
APPROVED

Reviewed By :John Carlone 03/15/2023

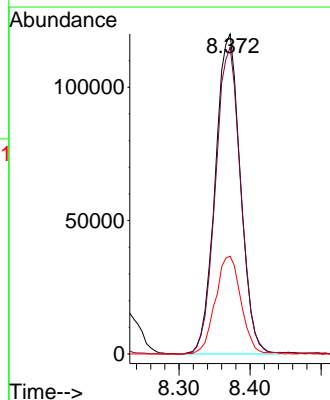
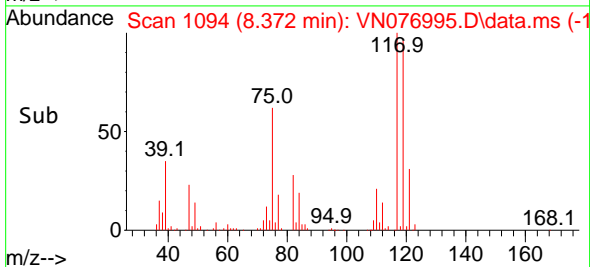
Supervised By :Mahesh Dadoda 03/15/2023

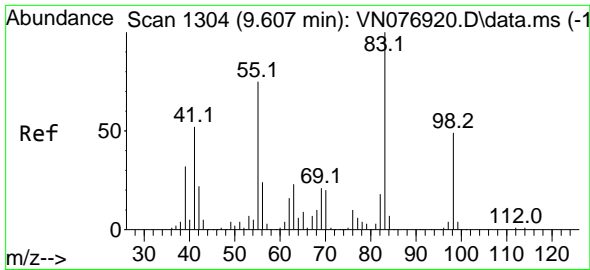


#38
 Carbon Tetrachloride
 Concen: 64.852 ug/l
 RT: 8.372 min Scan# 1094
 Delta R.T. -0.000 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22



Tgt Ion:117 Resp: 294213
 Ion Ratio Lower Upper
 117 100
 119 95.9 76.9 115.3
 121 30.6 23.2 34.8





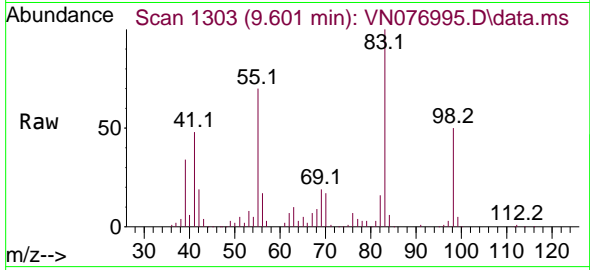
#39
 Methylcyclohexane
 Concen: 43.862 ug/l
 RT: 9.601 min Scan# 1135
 Delta R.T. -0.006 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



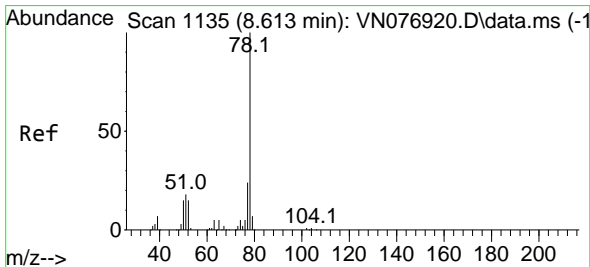
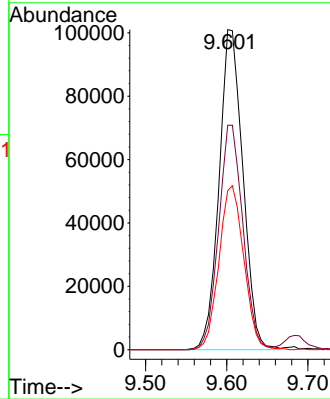
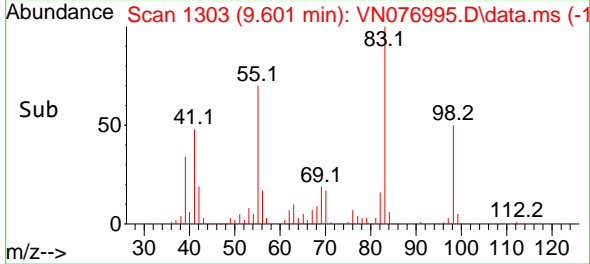
Tgt Ion: 83 Resp: 206380
 Ion Ratio Lower Upper
 83 100
 55 70.2 47.0 70.4
 98 49.7 39.4 59.0

Manual Integrations

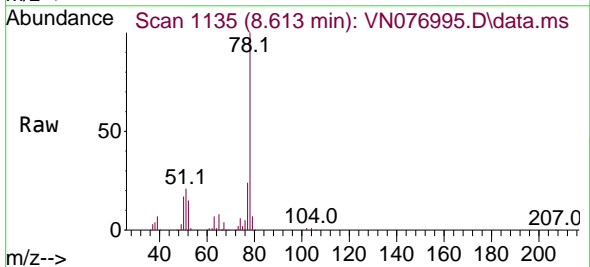
APPROVED

Reviewed By :John Carlone 03/15/2023

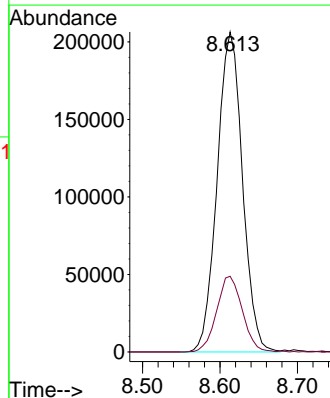
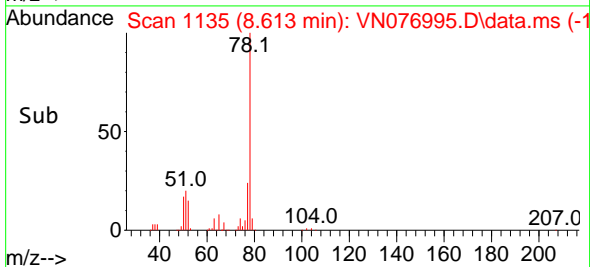
Supervised By :Mahesh Dadoda 03/15/2023

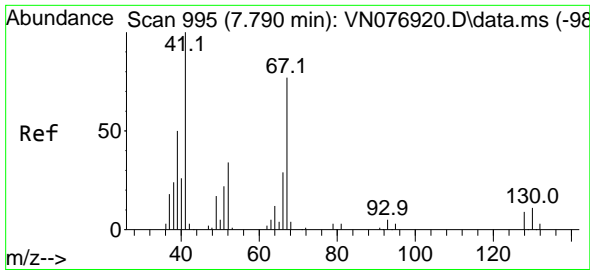


#40
 Benzene
 Concen: 41.027 ug/l
 RT: 8.613 min Scan# 1135
 Delta R.T. -0.000 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22



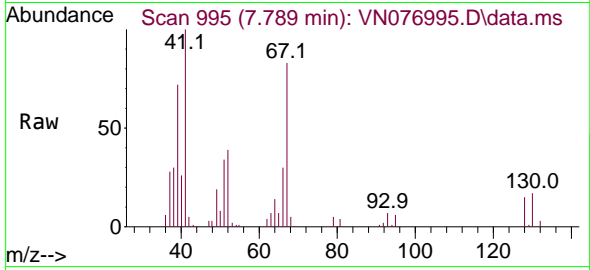
Tgt Ion: 78 Resp: 468761
 Ion Ratio Lower Upper
 78 100
 77 23.7 19.3 28.9





#41
 Methacrylonitrile
 Concen: 37.924 ug/l
 RT: 7.789 min Scan# 995
 Delta R.T. -0.001 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22

Instrument : MSVOA_N
 Client Sample Id : VSTDCCC050EC

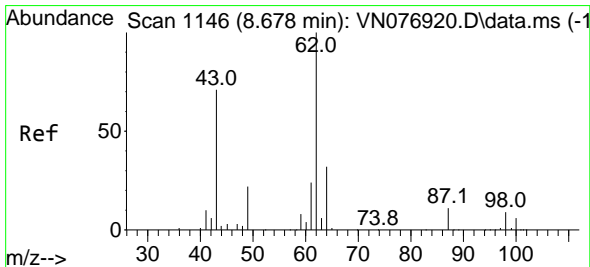
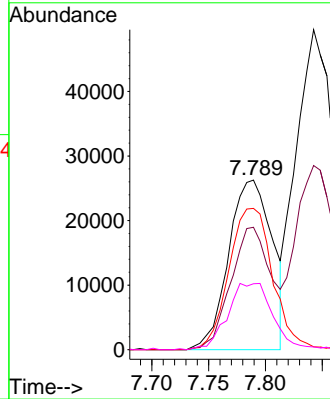
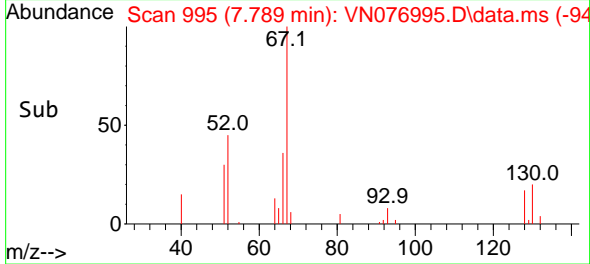


Tgt Ion: 41 Resp: 69954

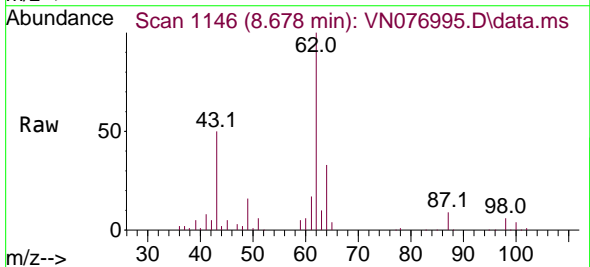
Ion	Ratio	Lower	Upper
41	100		
39	66.8	43.4	65.0
67	84.6	78.6	118.0
52	40.7	29.8	44.8

Manual Integrations
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Reviewed By :John Carlone 03/15/2023
 Supervised By :Mahesh Dadoda 03/15/2023

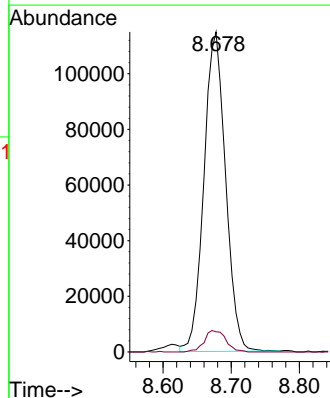
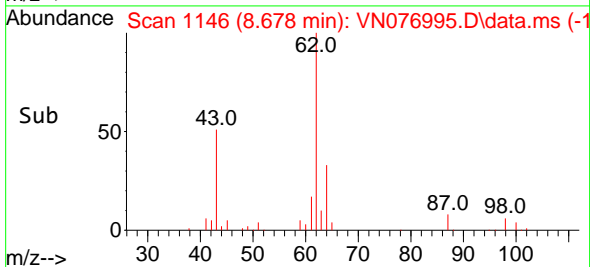


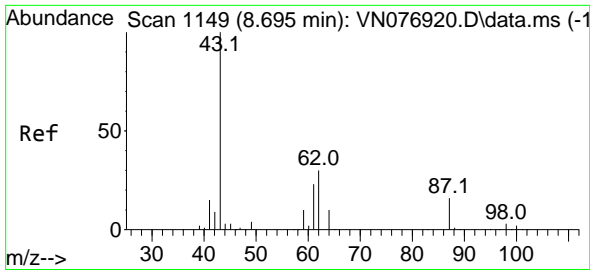
#42
 1,2-Dichloroethane
 Concen: 56.959 ug/l
 RT: 8.678 min Scan# 1146
 Delta R.T. -0.000 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22



Tgt Ion: 62 Resp: 253849

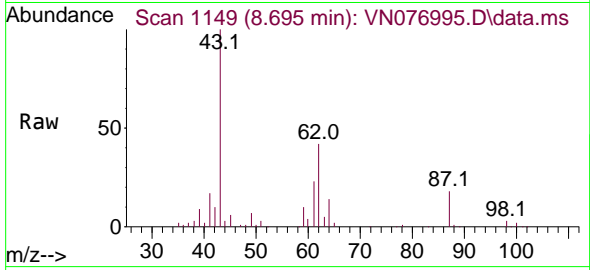
Ion	Ratio	Lower	Upper
62	100		
98	6.7	0.0	21.8





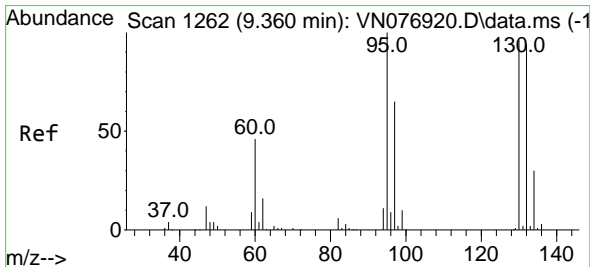
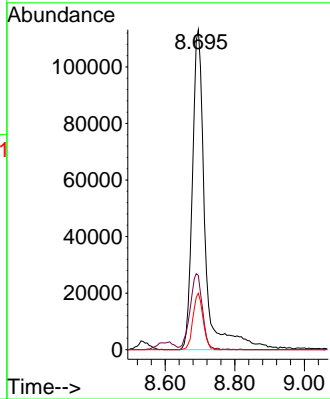
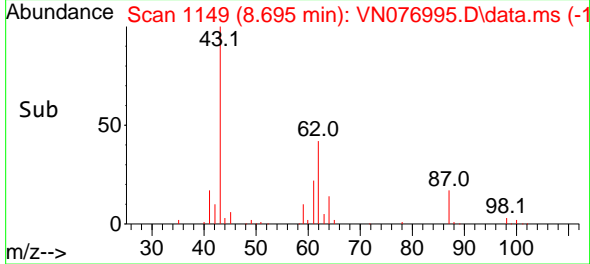
#43
 Isopropyl Acetate
 Concen: 52.421 ug/l
 RT: 8.695 min Scan# 1149
 Delta R.T. 0.000 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22

Instrument : MSVOA_N
 ClientSampleId : VSTDCCC050EC

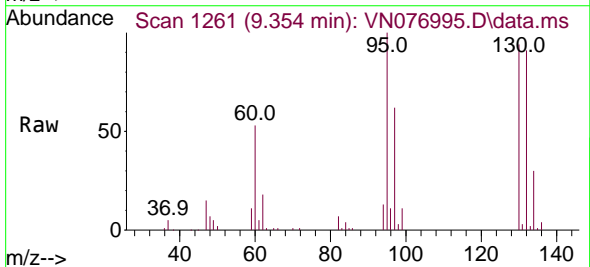


Tgt Ion: 43 Resp: 28685
 Ion Ratio Lower Upper
 43 100
 61 23.2 26.2 39.2
 87 14.1 14.8 22.2

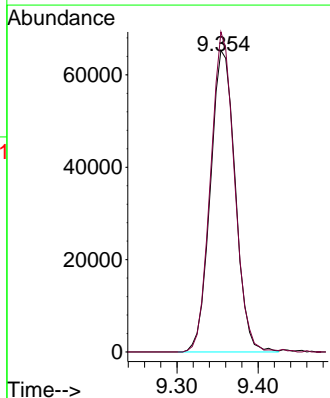
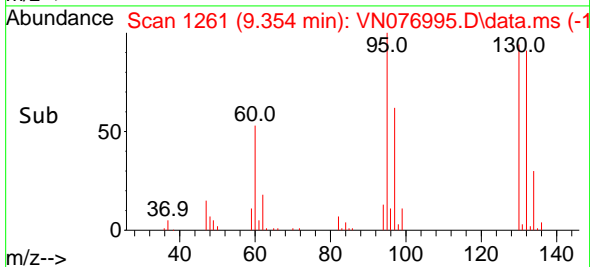
Manual Integrations
APPROVED
 Reviewed By :John Carlone 03/15/2023
 Supervised By :Mahesh Dadoda 03/15/2023

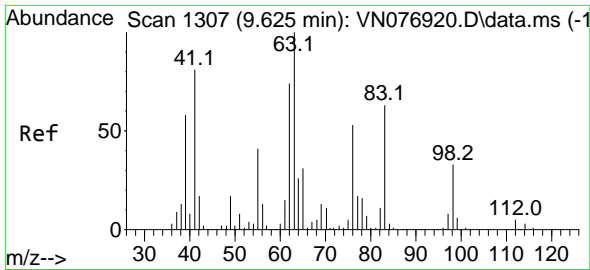


#44
 Trichloroethene
 Concen: 46.912 ug/l
 RT: 9.354 min Scan# 1261
 Delta R.T. -0.006 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22



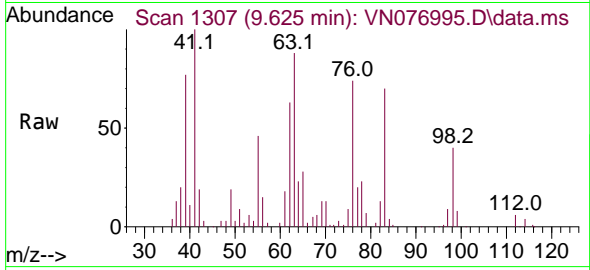
Tgt Ion:130 Resp: 138524
 Ion Ratio Lower Upper
 130 100
 95 106.1 0.0 208.6





#45
 1,2-Dichloropropane
 Concen: 36.825 ug/l
 RT: 9.625 min Scan# 1307
 Delta R.T. -0.000 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22

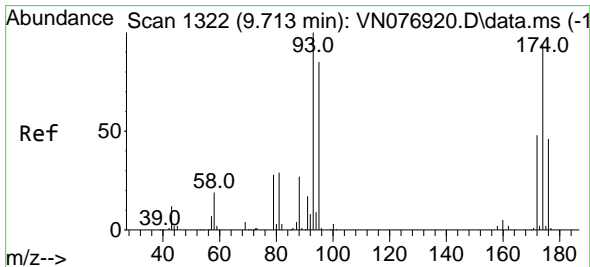
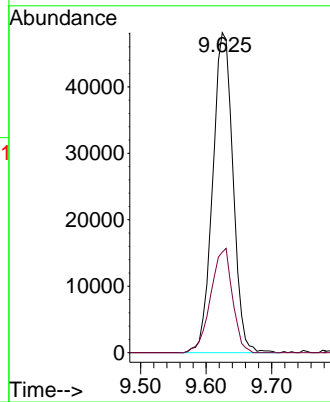
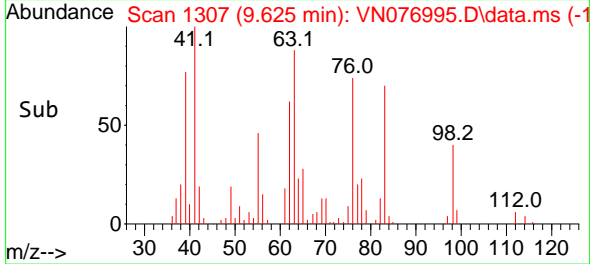
Instrument : MSVOA_N
 ClientSampleId : VSTDCCC050EC



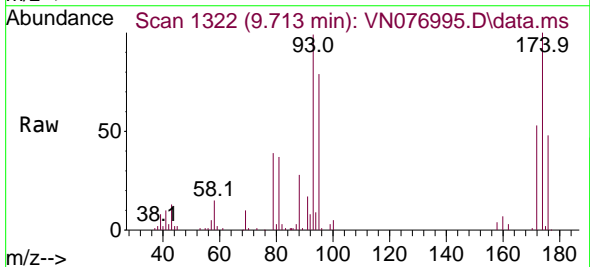
Tgt Ion: 63 Resp: 10352
 Ion Ratio Lower Upper
 63 100
 65 31.4 25.0 37.6

Manual Integrations
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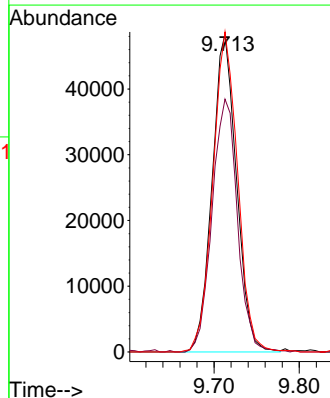
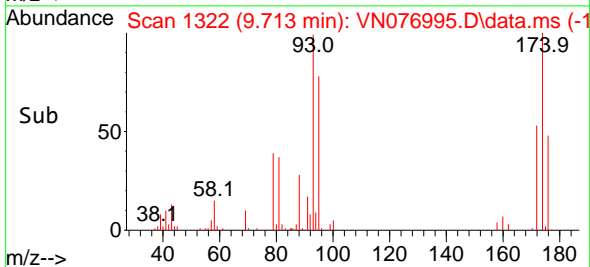
Reviewed By :John Carlone 03/15/2023
 Supervised By :Mahesh Dadoda 03/15/2023

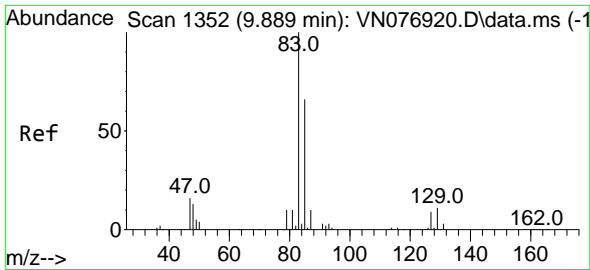


#46
 Dibromomethane
 Concen: 48.739 ug/l
 RT: 9.713 min Scan# 1322
 Delta R.T. -0.000 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22



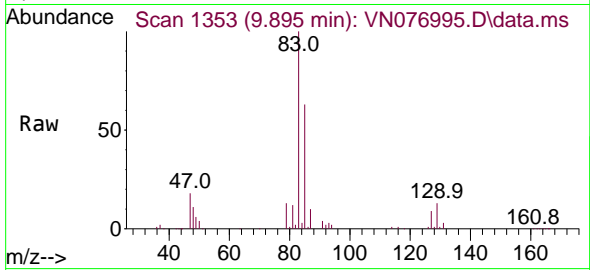
Tgt Ion: 93 Resp: 95691
 Ion Ratio Lower Upper
 93 100
 95 83.1 65.7 98.5
 174 102.6 69.3 103.9





#47
 Bromodichloromethane
 Concen: 54.991 ug/l
 RT: 9.895 min Scan# 1353
 Delta R.T. 0.006 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22

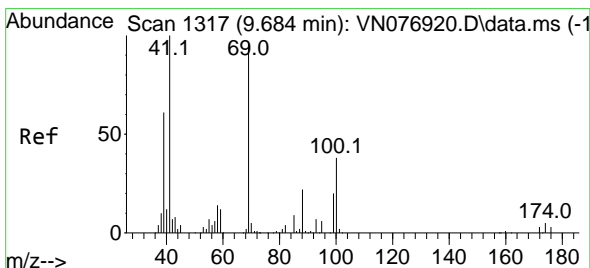
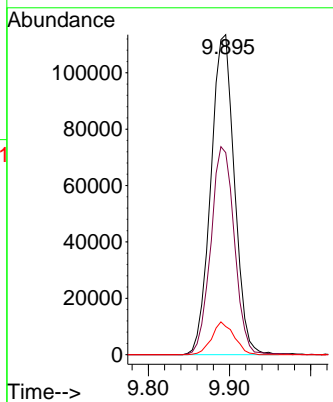
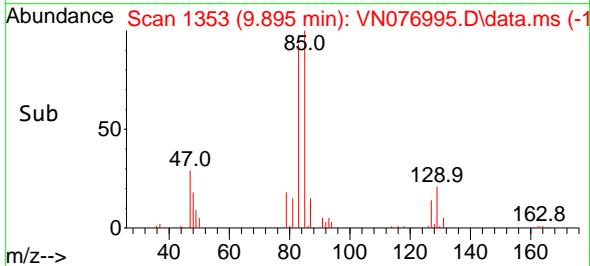
Instrument : MSVOA_N
 Client Sample Id : VSTDCCC050EC



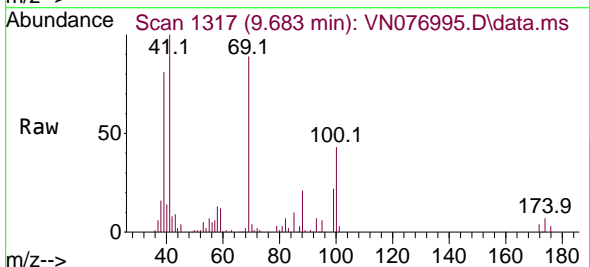
Tgt Ion: 83 Resp: 22904
 Ion Ratio Lower Upper
 83 100
 85 63.1 52.6 78.8
 127 8.8 7.0 10.6

Manual Integrations
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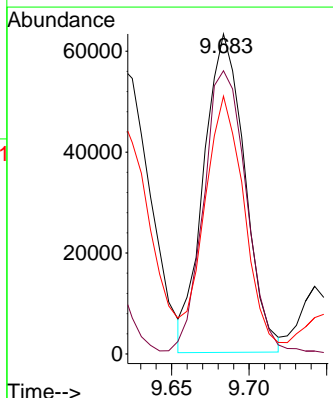
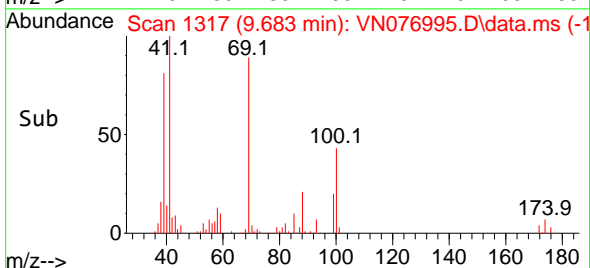
Reviewed By :John Carlone 03/15/2023
 Supervised By :Mahesh Dadoda 03/15/2023

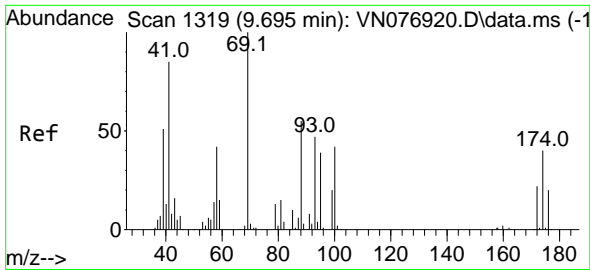


#48
 Methyl methacrylate
 Concen: 43.248 ug/l
 RT: 9.683 min Scan# 1317
 Delta R.T. -0.001 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22



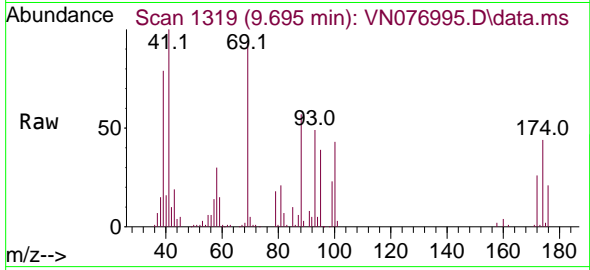
Tgt Ion: 41 Resp: 115956
 Ion Ratio Lower Upper
 41 100
 69 94.0 92.6 139.0
 39 80.3 51.4 77.0#





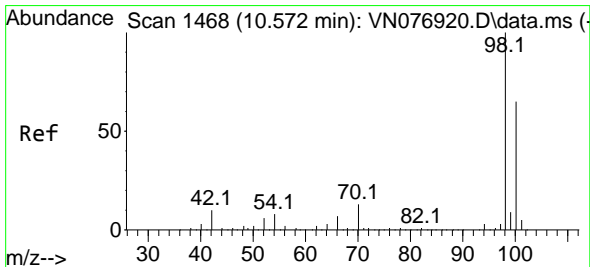
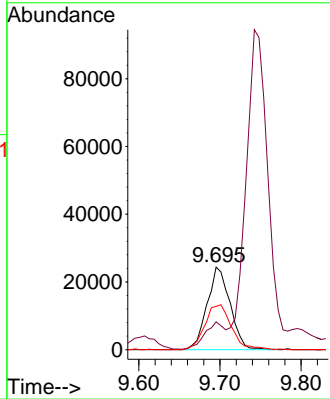
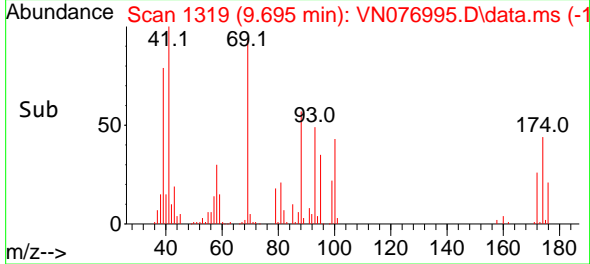
#49
 1,4-Dioxane
 Concen: 945.074 ug/l
 RT: 9.695 min Scan# 1319
 Delta R.T. 0.000 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22

Instrument : MSVOA_N
 Client Sample Id : VSTDC050EC

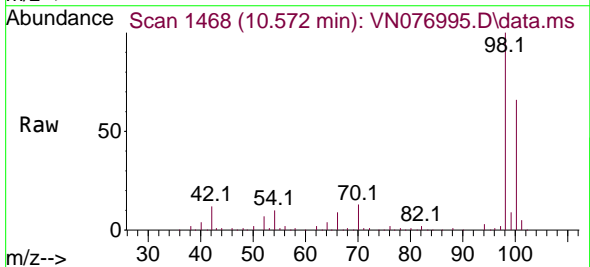


Tgt Ion: 88 Resp: 47980
 Ion Ratio Lower Upper
 88 100
 43 28.2 15.3 22.9
 58 63.1 47.6 71.4

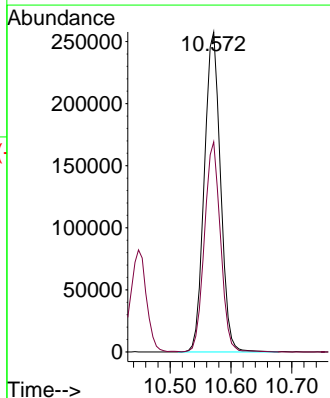
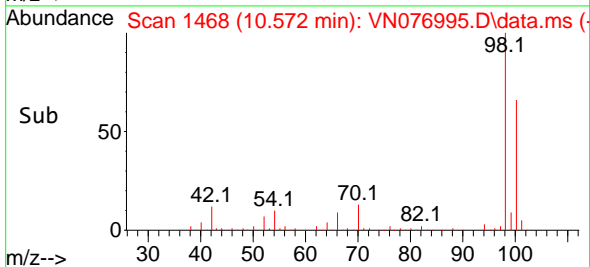
Manual Integrations
APPROVED
 Reviewed By :John Carlone 03/15/2023
 Supervised By :Mahesh Dadoda 03/15/2023

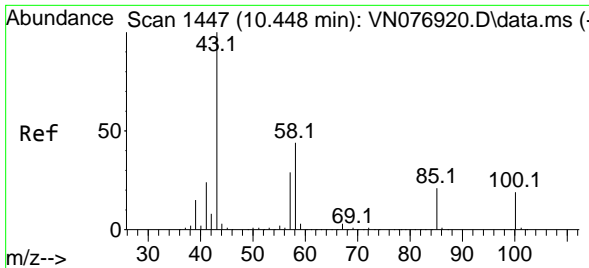


#50
 Toluene-d8
 Concen: 51.426 ug/l
 RT: 10.572 min Scan# 1468
 Delta R.T. -0.000 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22



Tgt Ion: 98 Resp: 475012
 Ion Ratio Lower Upper
 98 100
 100 65.1 52.8 79.2





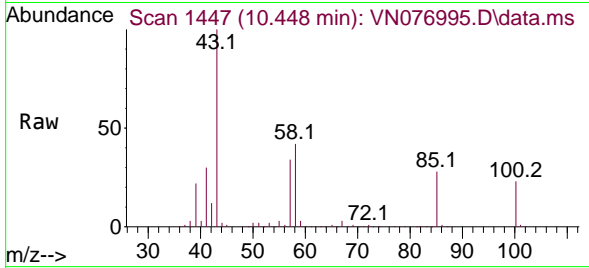
#51
 4-Methyl-2-Pentanone
 Concen: 196.192 ug/l
 RT: 10.448 min Scan# 1447
 Delta R.T. 0.000 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



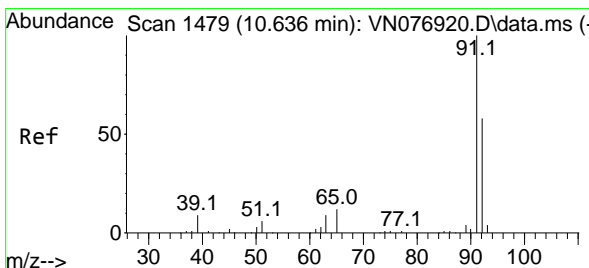
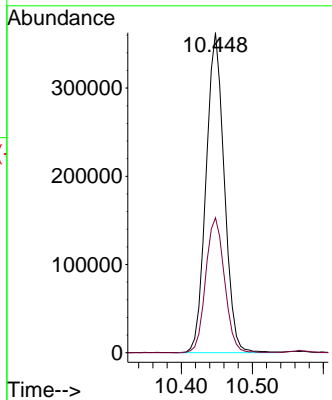
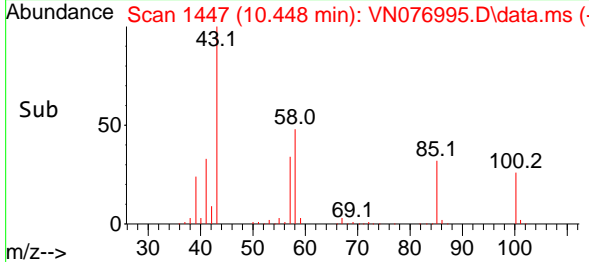
Tgt Ion: 43 Resp: 64492
 Ion Ratio Lower Upper
 43 100
 58 43.6 37.4 56.0

Manual Integrations

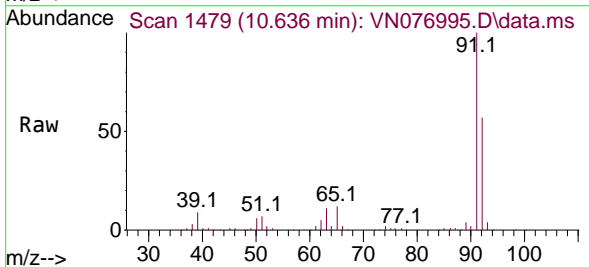
APPROVED

Reviewed By :John Carlone 03/15/2023

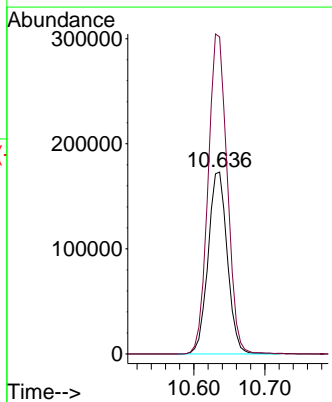
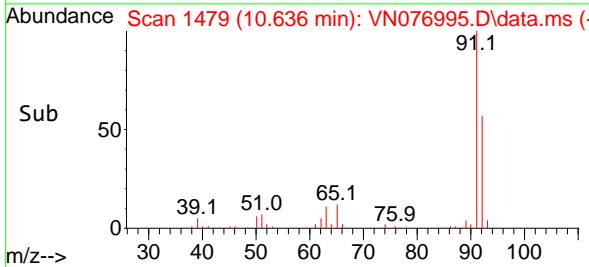
Supervised By :Mahesh Dadoda 03/15/2023

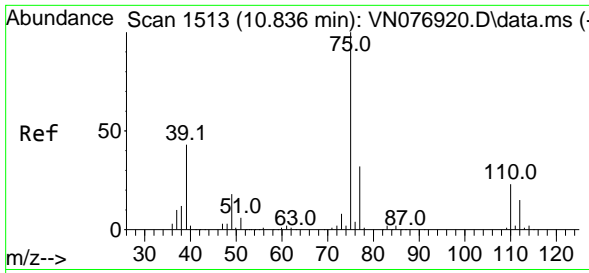


#52
 Toluene
 Concen: 46.184 ug/l
 RT: 10.636 min Scan# 1479
 Delta R.T. 0.000 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22



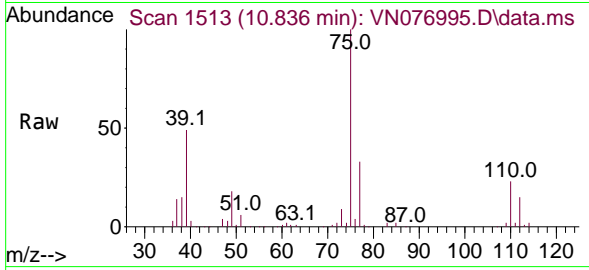
Tgt Ion: 92 Resp: 324773
 Ion Ratio Lower Upper
 92 100
 91 175.4 138.2 207.2





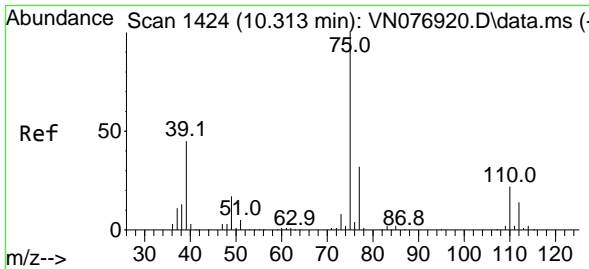
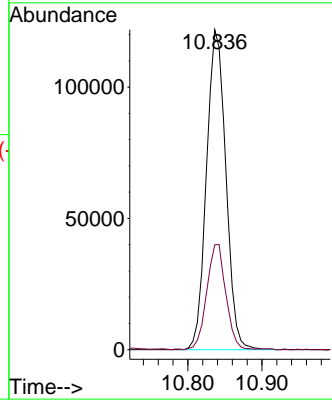
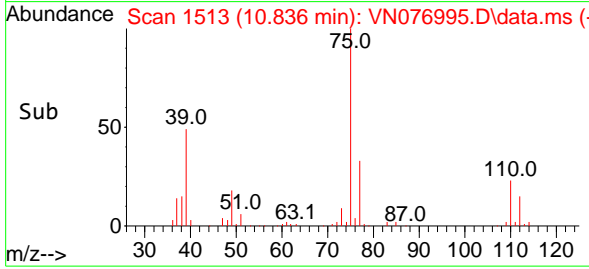
#53
 t-1,3-Dichloropropene
 Concen: 53.385 ug/l
 RT: 10.836 min Scan# 111
 Delta R.T. 0.000 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22

Instrument : MSVOA_N
 ClientSampleId : VSTDCCC050EC

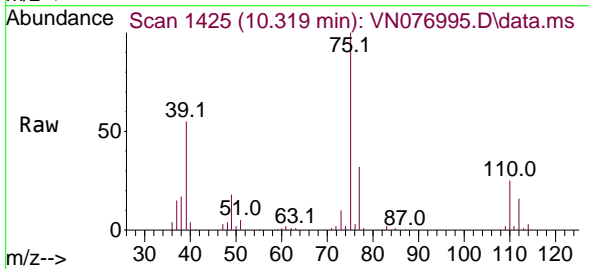


Tgt Ion: 75 Resp: 22168
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.0 37.6

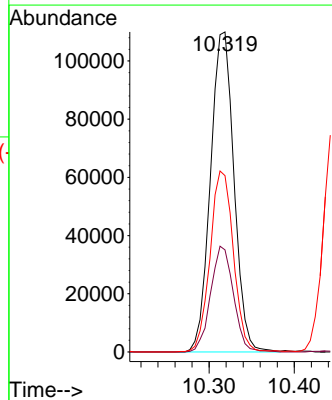
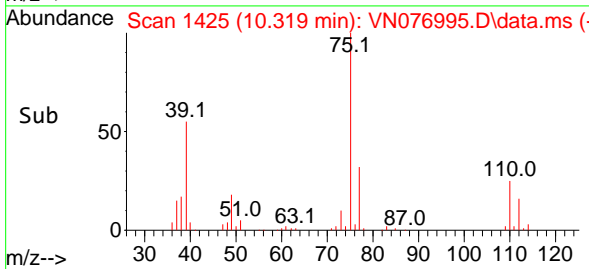
Manual Integrations
APPROVED
 Reviewed By :John Carlone 03/15/2023
 Supervised By :Mahesh Dadoda 03/15/2023

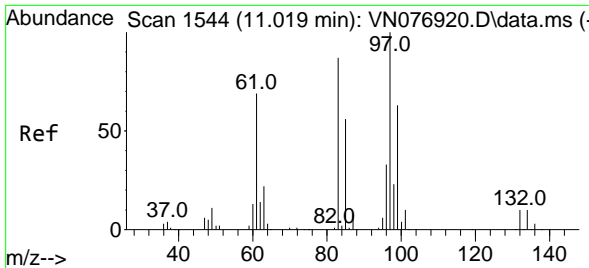


#54
 cis-1,3-Dichloropropene
 Concen: 46.273 ug/l
 RT: 10.319 min Scan# 1425
 Delta R.T. 0.006 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22



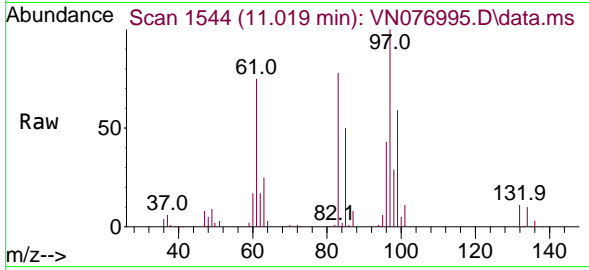
Tgt Ion: 75 Resp: 211018
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.7 38.5
 39 55.0 29.7 44.5#





#55
 1,1,2-Trichloroethane
 Concen: 44.859 ug/l
 RT: 11.019 min Scan# 1544
 Delta R.T. -0.000 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22

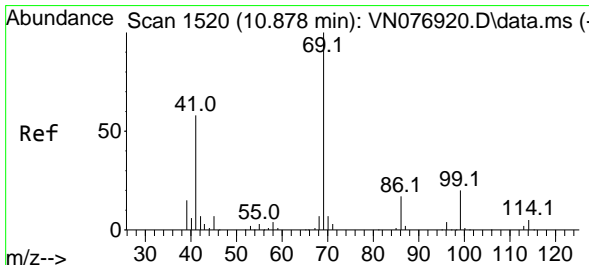
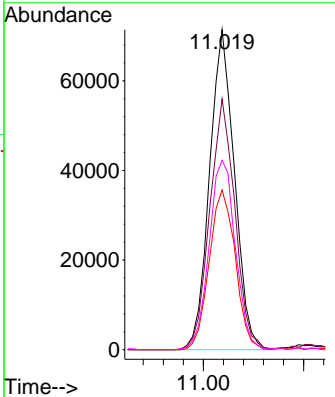
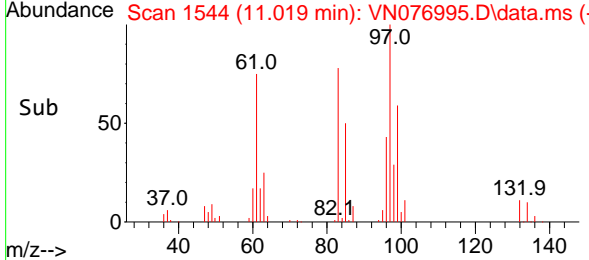
Instrument : MSVOA_N
 ClientSampleId : VSTDCCC050EC



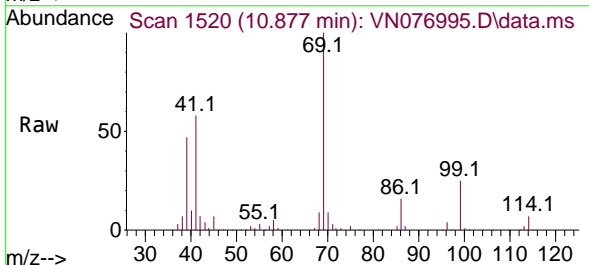
Tgt Ion: 97 Resp: 122738

Ion	Ratio	Lower	Upper
97	100		
83	78.3	67.1	100.7
85	49.9	41.8	62.8
99	59.1	50.4	75.6

Manual Integrations
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 Reviewed By :John Carlone 03/15/2023
 Supervised By :Mahesh Dadoda 03/15/2023

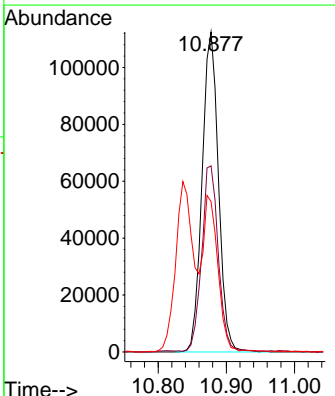
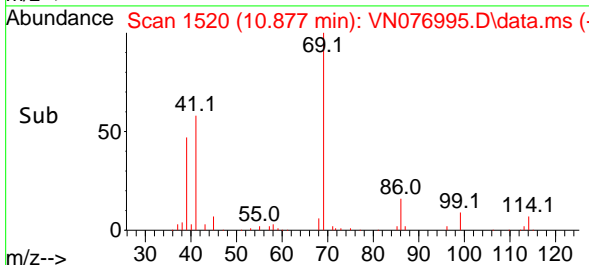


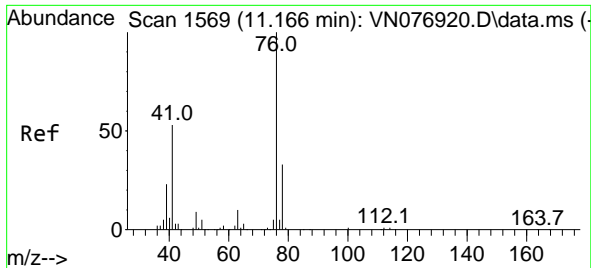
#56
 Ethyl methacrylate
 Concen: 45.234 ug/l
 RT: 10.877 min Scan# 1520
 Delta R.T. -0.001 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22



Tgt Ion: 69 Resp: 187716

Ion	Ratio	Lower	Upper
69	100		
41	58.6	38.0	57.0#
39	44.0	22.4	33.6#





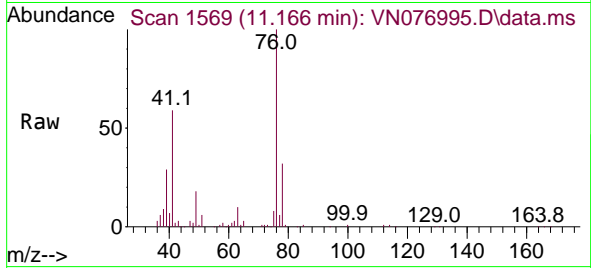
#57
 1,3-Dichloropropane
 Concen: 43.991 ug/l
 RT: 11.166 min Scan# 1569
 Delta R.T. -0.000 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDC050EC



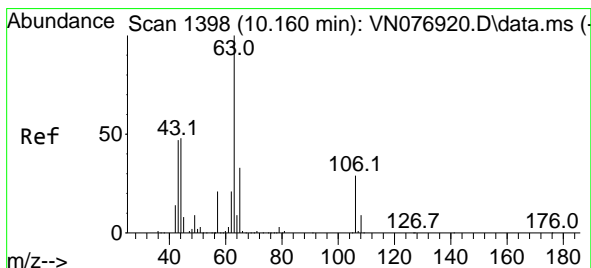
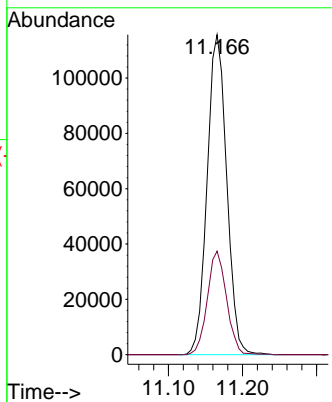
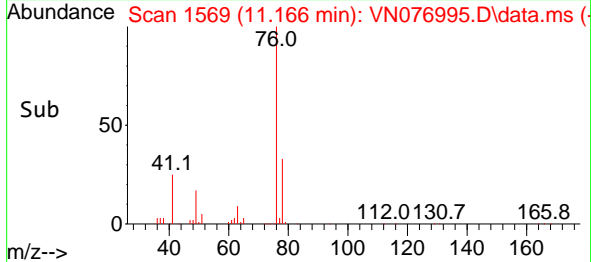
Tgt Ion: 76 Resp: 212230
 Ion Ratio Lower Upper
 76 100
 78 31.7 26.1 39.1

Manual Integrations

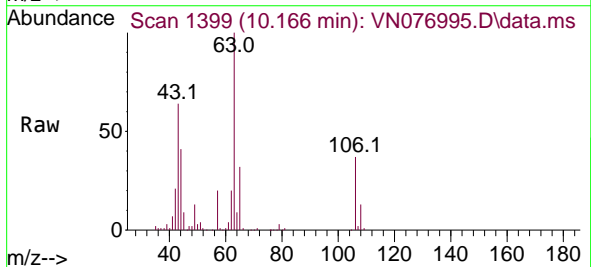
APPROVED

Reviewed By :John Carlone 03/15/2023

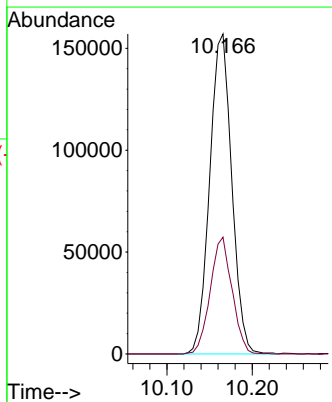
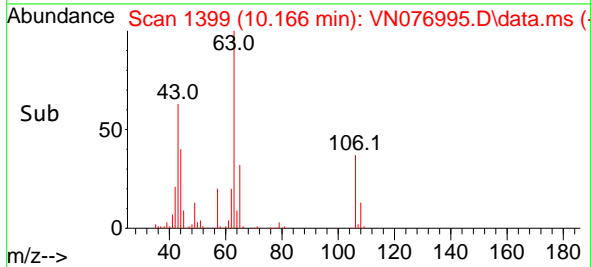
Supervised By :Mahesh Dadoda 03/15/2023

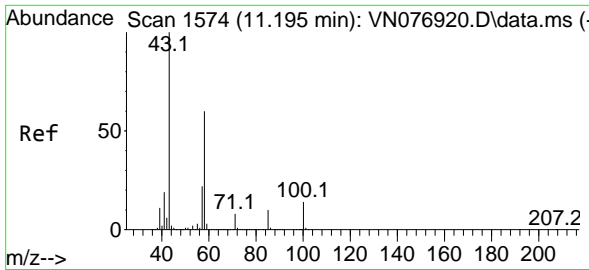


#58
 2-Chloroethyl Vinyl ether
 Concen: 213.623 ug/l
 RT: 10.166 min Scan# 1399
 Delta R.T. 0.006 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22



Tgt Ion: 63 Resp: 282301
 Ion Ratio Lower Upper
 63 100
 106 36.1 25.6 38.4





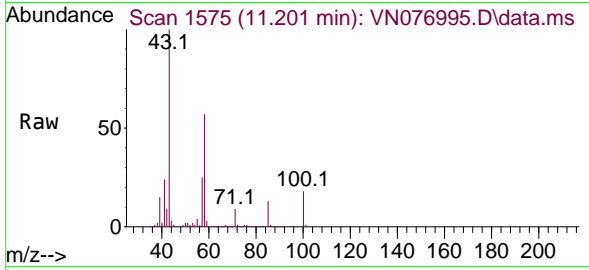
#59
 2-Hexanone
 Concen: 206.268 ug/l
 RT: 11.201 min Scan# 111
 Delta R.T. 0.006 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



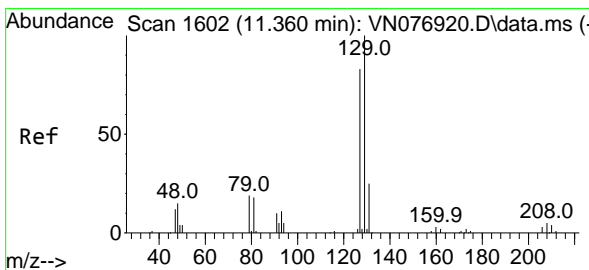
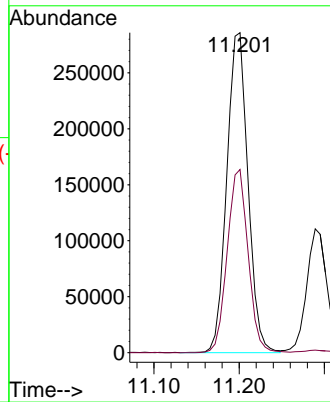
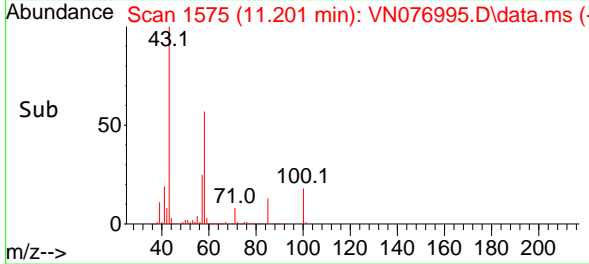
Tgt Ion: 43 Resp: 494380
 Ion Ratio Lower Upper
 43 100
 58 56.5 32.6 98.0

Manual Integrations

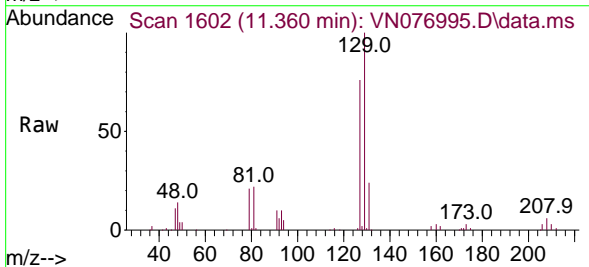
APPROVED

Reviewed By :John Carlone 03/15/2023

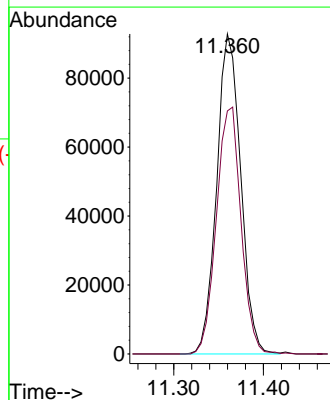
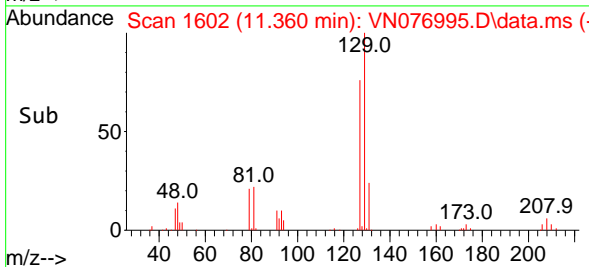
Supervised By :Mahesh Dadoda 03/15/2023

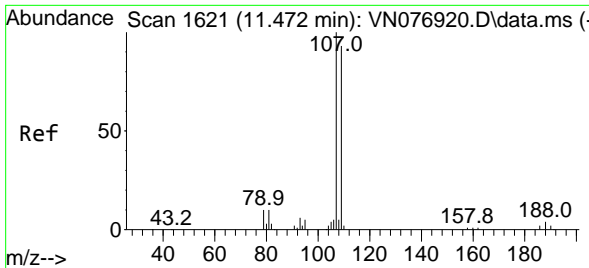


#60
 Dibromochloromethane
 Concen: 57.204 ug/l
 RT: 11.360 min Scan# 1602
 Delta R.T. -0.000 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22



Tgt Ion:129 Resp: 172434
 Ion Ratio Lower Upper
 129 100
 127 79.2 39.6 118.8





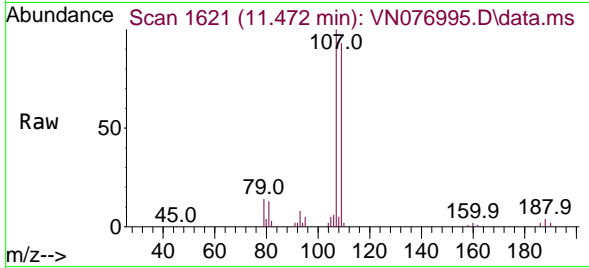
#61
 1,2-Dibromoethane
 Concen: 48.967 ug/l
 RT: 11.472 min Scan# 107
 Delta R.T. -0.000 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



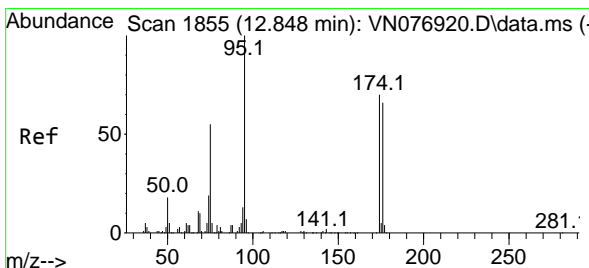
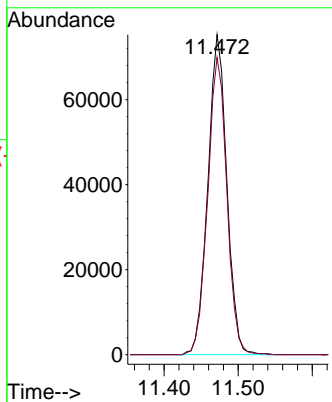
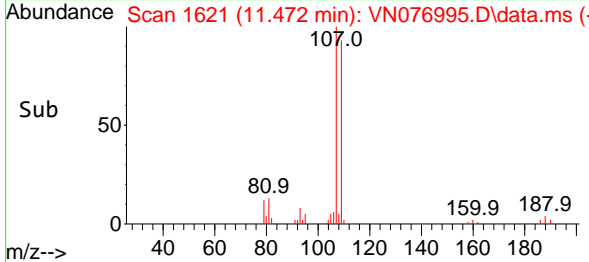
Tgt Ion:107 Resp: 13428
 Ion Ratio Lower Upper
 107 100
 109 93.5 75.9 113.9

Manual Integrations

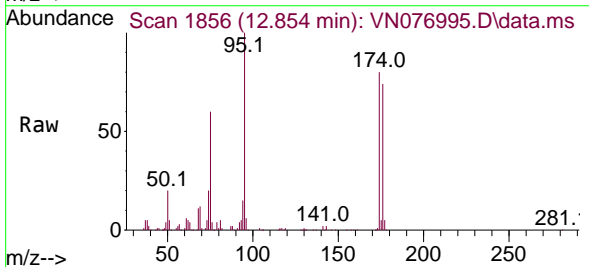
APPROVED

Reviewed By :John Carlone 03/15/2023

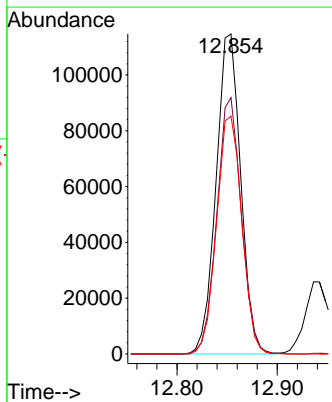
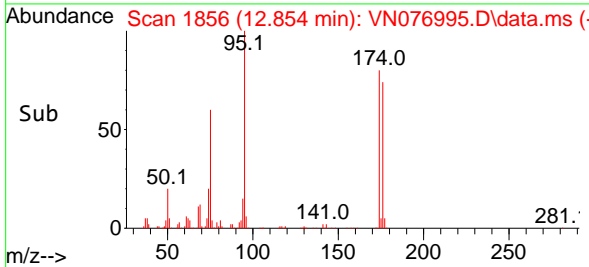
Supervised By :Mahesh Dadoda 03/15/2023

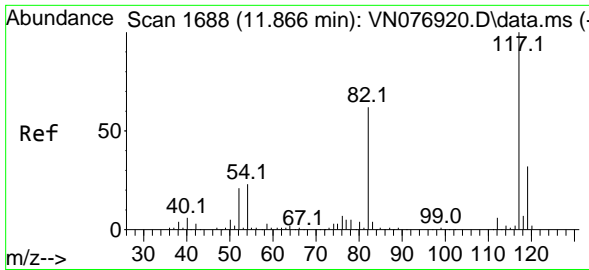


#62
 4-Bromofluorobenzene
 Concen: 57.828 ug/l
 RT: 12.854 min Scan# 1856
 Delta R.T. 0.006 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22



Tgt Ion: 95 Resp: 195376
 Ion Ratio Lower Upper
 95 100
 174 80.1 0.0 162.4
 176 76.2 0.0 157.4





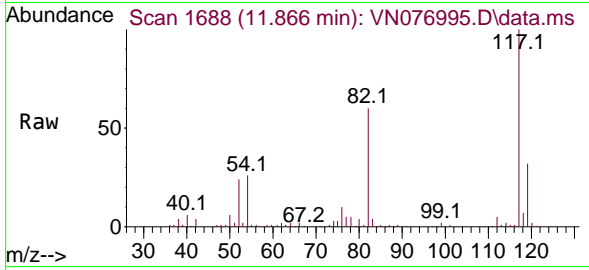
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.866 min Scan# 117
 Delta R.T. -0.000 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDC050EC



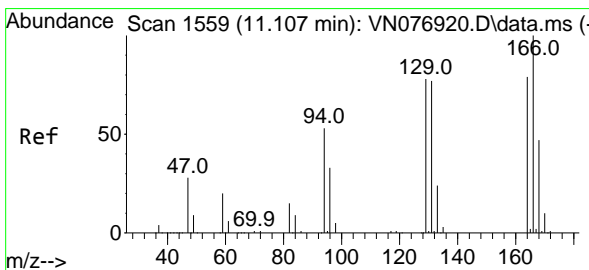
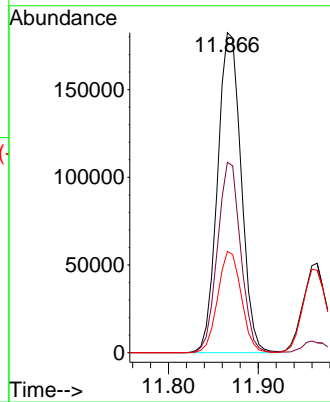
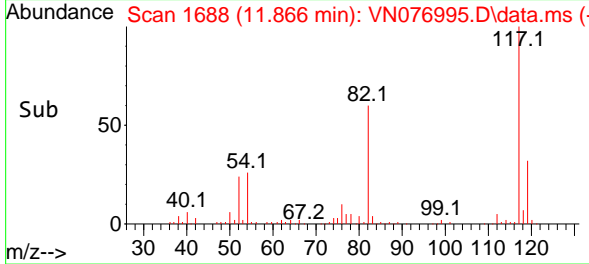
Tgt Ion:117 Resp: 33318
 Ion Ratio Lower Upper
 117 100
 82 59.5 43.5 65.3
 119 31.7 25.5 38.3

Manual Integrations

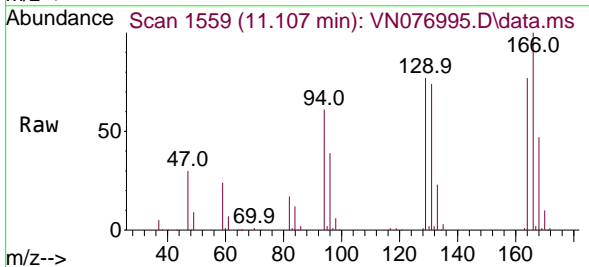
APPROVED

Reviewed By :John Carlone 03/15/2023

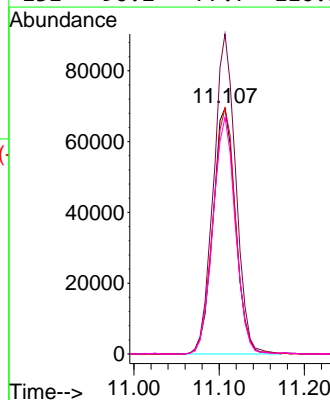
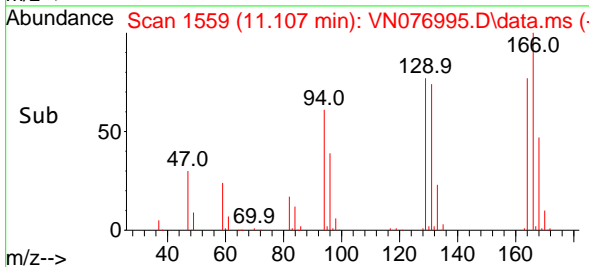
Supervised By :Mahesh Dadoda 03/15/2023

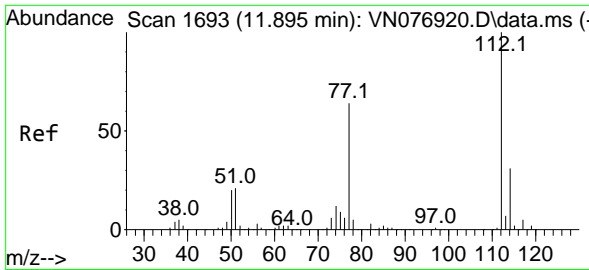


#64
 Tetrachloroethene
 Concen: 47.205 ug/l
 RT: 11.107 min Scan# 1559
 Delta R.T. -0.000 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22



Tgt Ion:164 Resp: 127292
 Ion Ratio Lower Upper
 164 100
 166 130.2 102.7 154.1
 129 100.0 81.5 122.3
 131 96.2 77.7 116.5





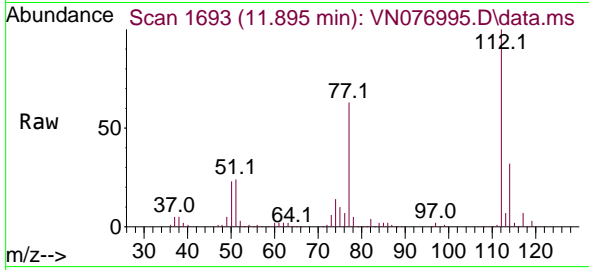
#65
 Chlorobenzene
 Concen: 48.243 ug/l
 RT: 11.895 min Scan# 1104
 Delta R.T. 0.000 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



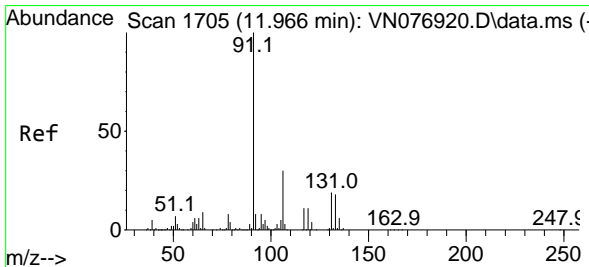
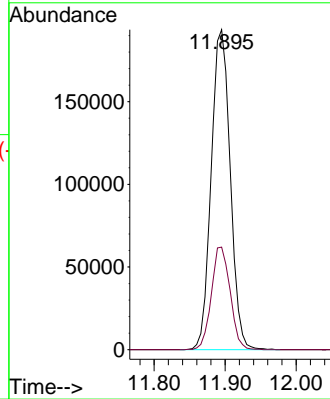
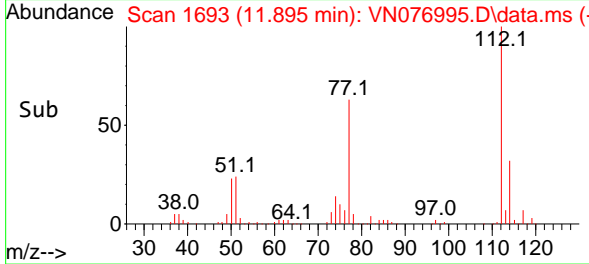
Tgt Ion:112 Resp: 359538
 Ion Ratio Lower Upper
 112 100
 114 32.1 25.8 38.8

Manual Integrations

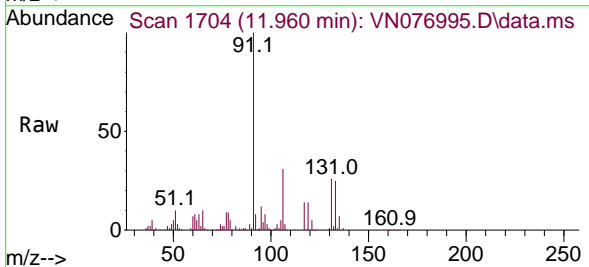
APPROVED

Reviewed By :John Carlone 03/15/2023

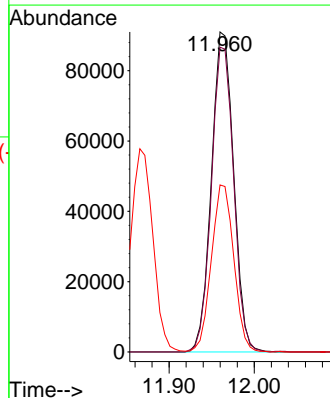
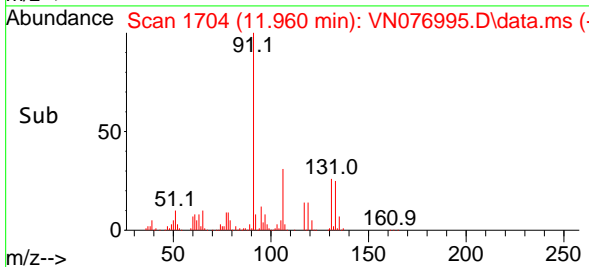
Supervised By :Mahesh Dadoda 03/15/2023

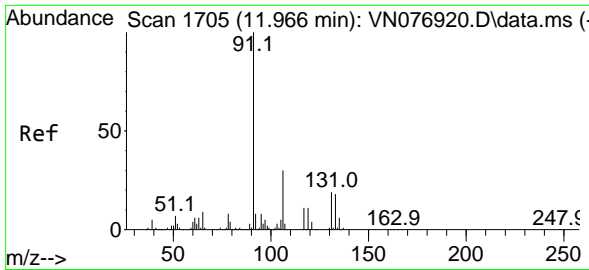


#66
 1,1,1,2-Tetrachloroethane
 Concen: 56.817 ug/l
 RT: 11.960 min Scan# 1704
 Delta R.T. -0.006 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22



Tgt Ion:131 Resp: 165303
 Ion Ratio Lower Upper
 131 100
 133 95.2 47.9 143.8
 119 52.7 33.1 99.2





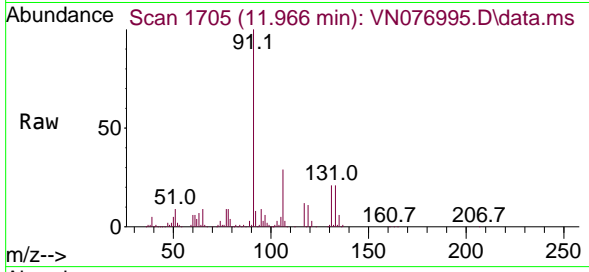
#67
 Ethyl Benzene
 Concen: 50.433 ug/l
 RT: 11.966 min Scan# 1705
 Delta R.T. -0.000 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



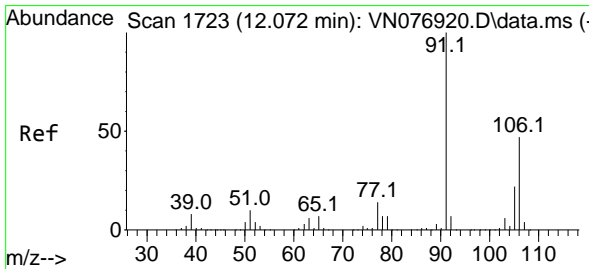
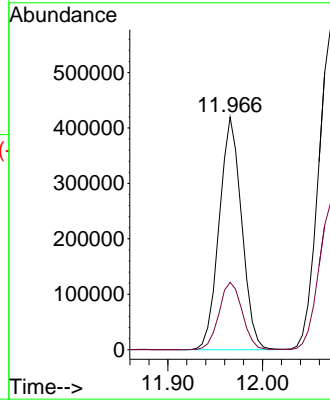
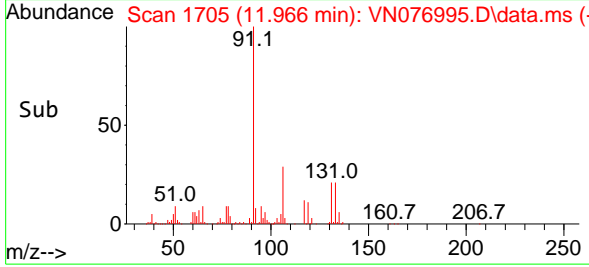
Tgt Ion: 91 Resp: 691140
 Ion Ratio Lower Upper
 91 100
 106 29.0 25.1 37.7

Manual Integrations

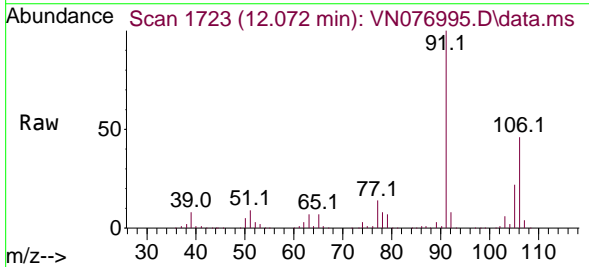
APPROVED

Reviewed By :John Carlone 03/15/2023

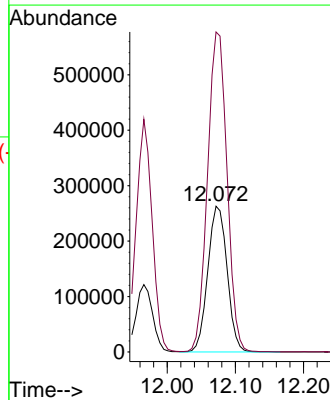
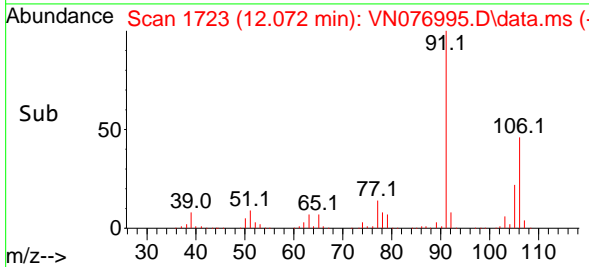
Supervised By :Mahesh Dadoda 03/15/2023

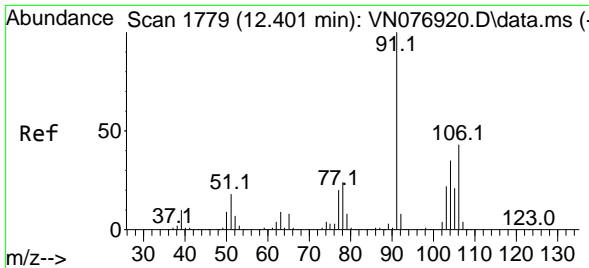


#68
 m/p-Xylenes
 Concen: 100.674 ug/l
 RT: 12.072 min Scan# 1723
 Delta R.T. -0.000 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22



Tgt Ion:106 Resp: 518549
 Ion Ratio Lower Upper
 106 100
 91 221.7 158.0 237.0





#69
 o-Xylene
 Concen: 50.615 ug/l
 RT: 12.401 min Scan# 1779
 Delta R.T. -0.000 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22

Instrument :

MSVOA_N

ClientSampleId :

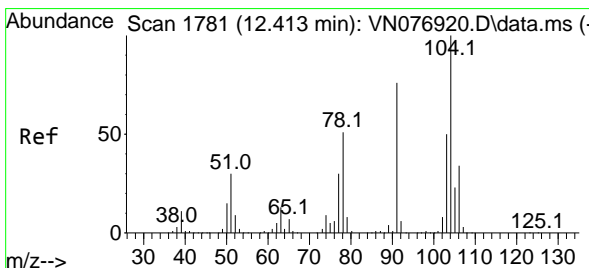
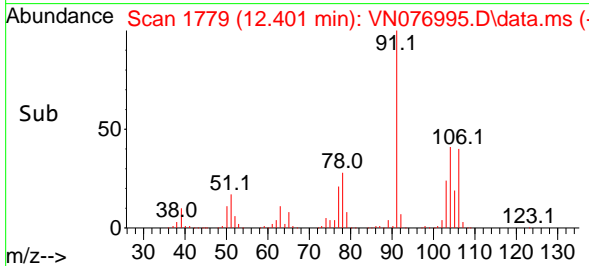
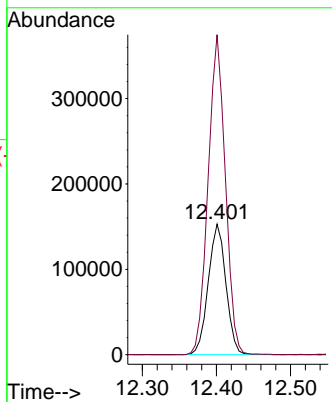
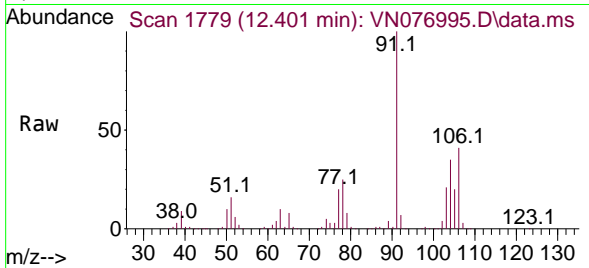
VSTDC050EC

Tgt Ion:106 Resp: 25310
 Ion Ratio Lower Upper
 106 100
 91 239.3 101.8 305.4

Manual Integrations

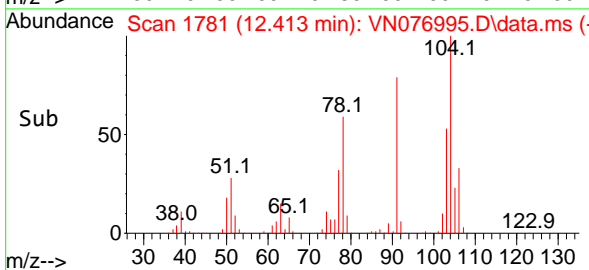
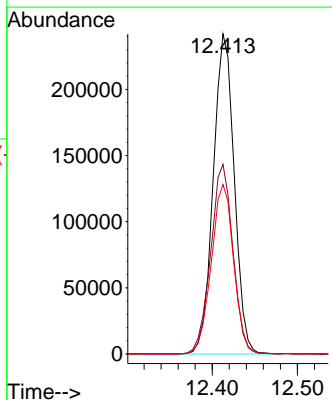
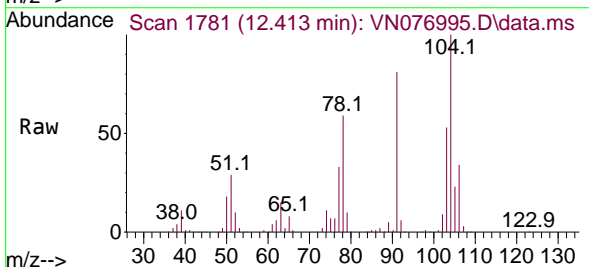
APPROVED

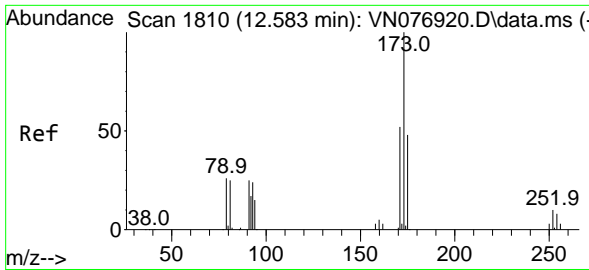
Reviewed By :John Carlone 03/15/2023
 Supervised By :Mahesh Dadoda 03/15/2023



#70
 Styrene
 Concen: 51.366 ug/l
 RT: 12.413 min Scan# 1781
 Delta R.T. -0.000 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22

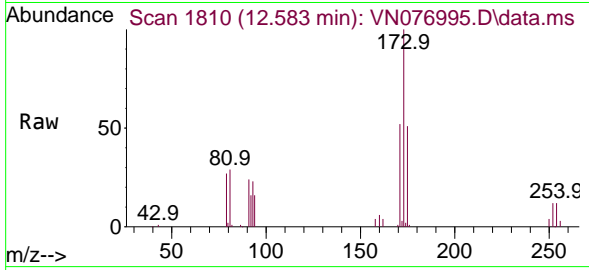
Tgt Ion:104 Resp: 414960
 Ion Ratio Lower Upper
 104 100
 78 62.6 36.6 55.0#
 103 56.4 43.4 65.0





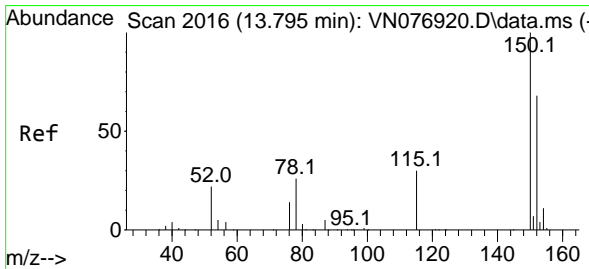
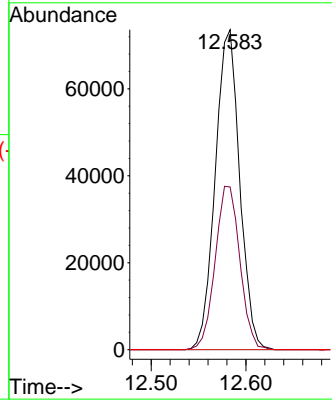
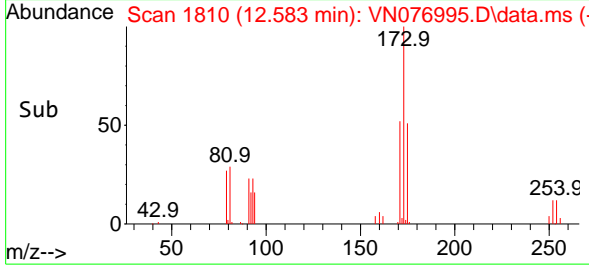
#71
 Bromoform
 Concen: 62.553 ug/l
 RT: 12.583 min Scan# 1810
 Delta R.T. 0.000 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22

Instrument : MSVOA_N
 ClientSampleId : VSTDCCC050EC

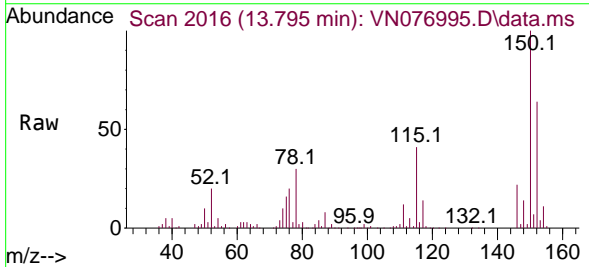


Tgt Ion:173 Resp: 131889
 Ion Ratio Lower Upper
 173 100
 175 51.7 24.9 74.6
 254 0.0 0.0 0.0

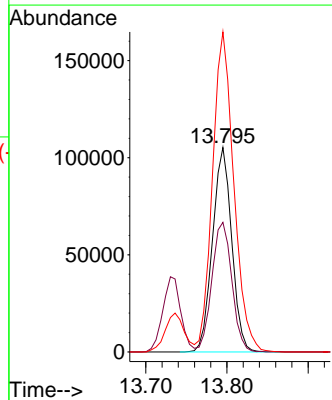
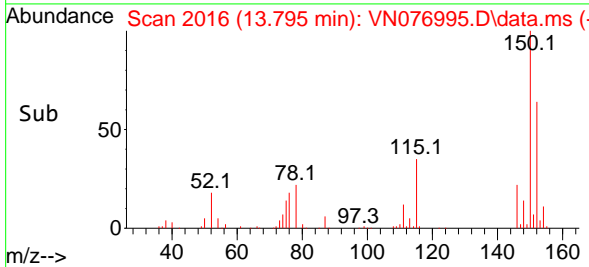
Manual Integrations
APPROVED
 Reviewed By :John Carlone 03/15/2023
 Supervised By :Mahesh Dadoda 03/15/2023

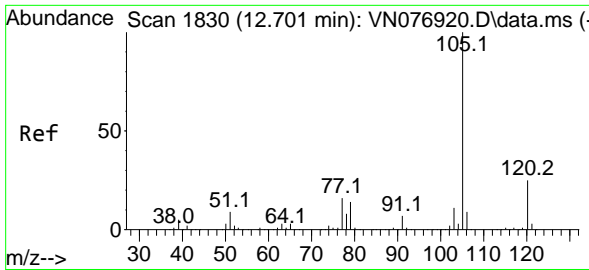


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.795 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22



Tgt Ion:152 Resp: 173182
 Ion Ratio Lower Upper
 152 100
 115 65.8 30.3 90.9
 150 173.2 0.0 353.6





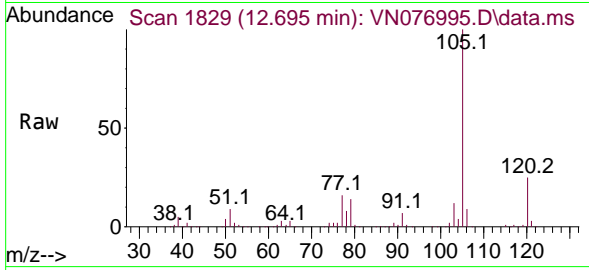
#73
 Isopropylbenzene
 Concen: 46.775 ug/l
 RT: 12.695 min Scan# 1829
 Delta R.T. -0.006 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22

Instrument :

MSVOA_N

Client Sample Id :

VSTDCCC050EC



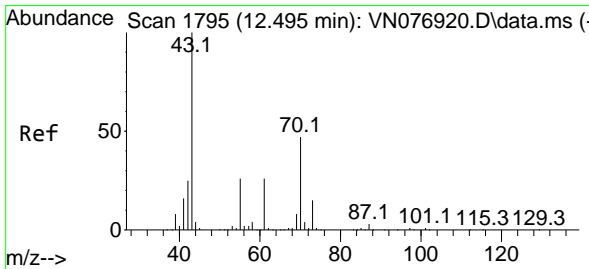
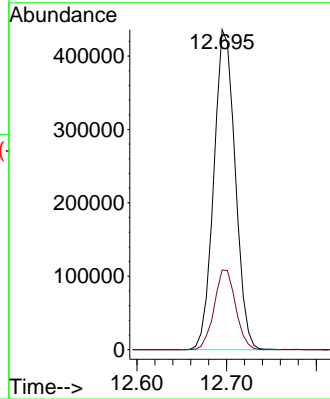
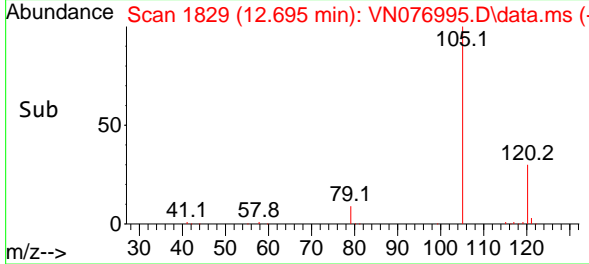
Tgt Ion: 105 Resp: 721814
 Ion Ratio Lower Upper
 105 100
 120 25.0 13.8 41.4

Manual Integrations

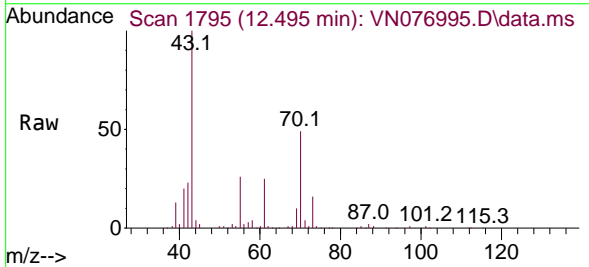
APPROVED

Reviewed By : John Carlone 03/15/2023

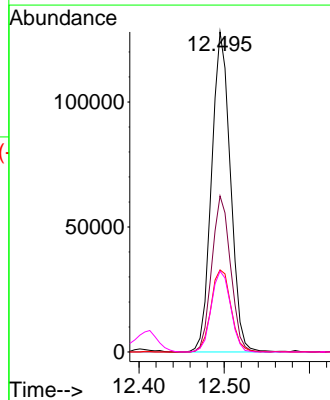
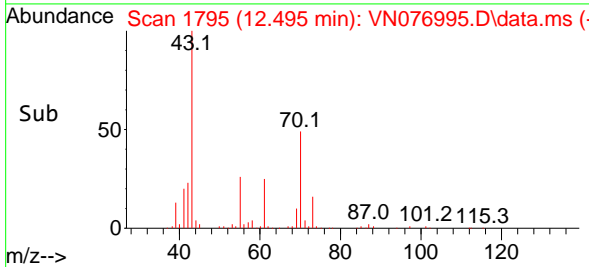
Supervised By : Mahesh Dadoda 03/15/2023

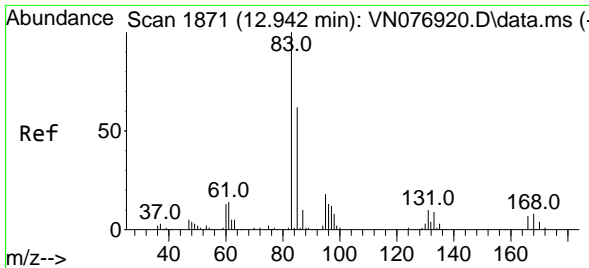


#74
 N-ethyl acetate
 Concen: 38.539 ug/l
 RT: 12.495 min Scan# 1795
 Delta R.T. 0.000 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22



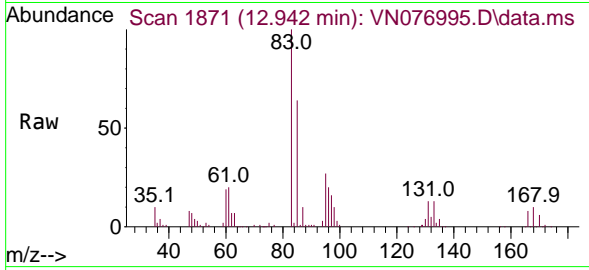
Tgt Ion: 43 Resp: 196909
 Ion Ratio Lower Upper
 43 100
 70 48.5 46.8 70.2
 55 27.3 23.4 35.2
 61 25.7 23.8 35.8





#75
 1,1,2,2-Tetrachloroethane
 Concen: 36.217 ug/l
 RT: 12.942 min Scan# 1871
 Delta R.T. 0.000 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22

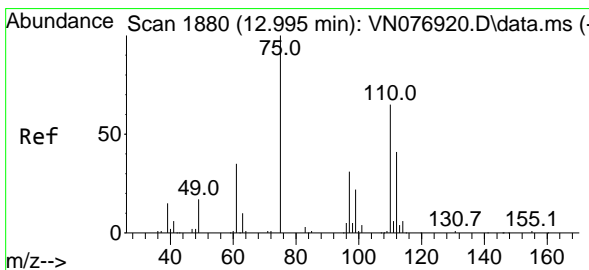
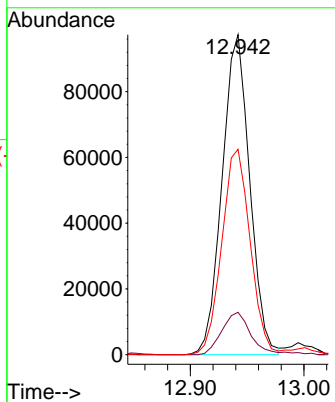
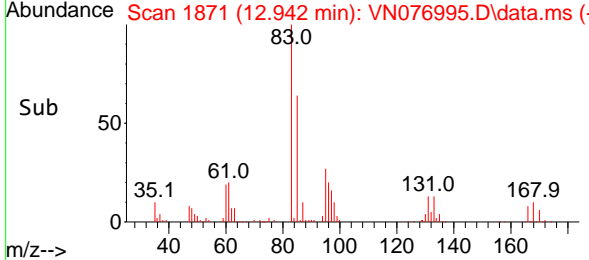
Instrument : MSVOA_N
 ClientSampleId : VSTDCCC050EC



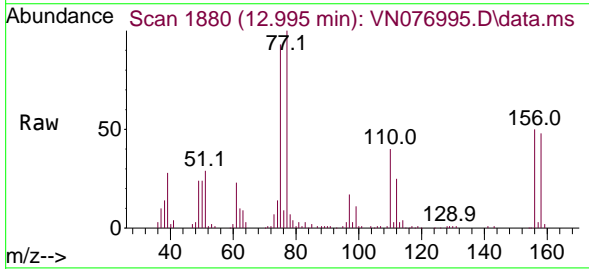
Tgt Ion: 83 Resp: 16445
 Ion Ratio Lower Upper
 83 100
 131 14.2 5.3 16.1
 85 65.9 32.0 96.0

Manual Integrations
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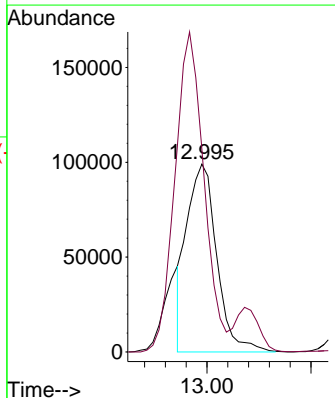
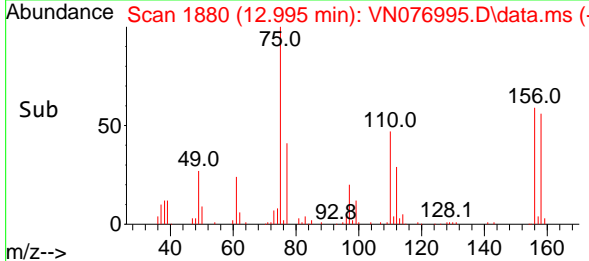
Reviewed By :John Carlone 03/15/2023
 Supervised By :Mahesh Dadoda 03/15/2023

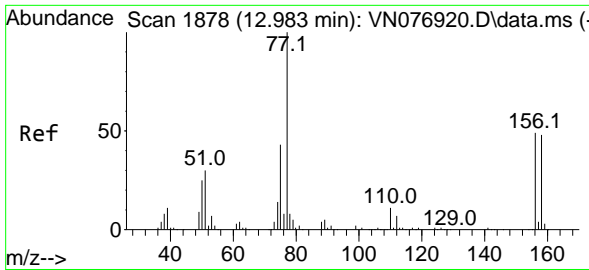


#76
 1,2,3-Trichloropropane
 Concen: 47.136 ug/l m
 RT: 12.995 min Scan# 1880
 Delta R.T. -0.000 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22



Tgt Ion: 75 Resp: 197908
 Ion Ratio Lower Upper
 75 100
 77 164.9 93.8 281.4





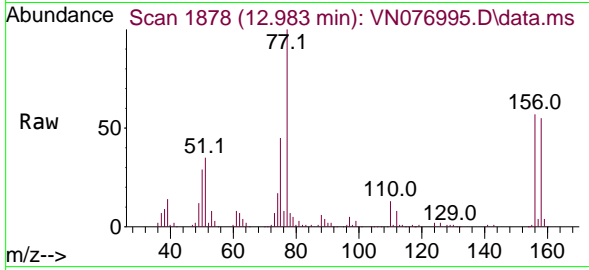
#77
 Bromobenzene
 Concen: 48.462 ug/l
 RT: 12.983 min Scan# 1878
 Delta R.T. 0.000 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



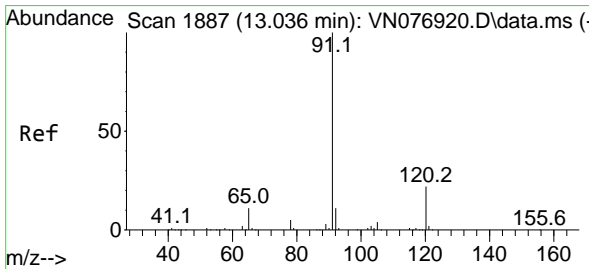
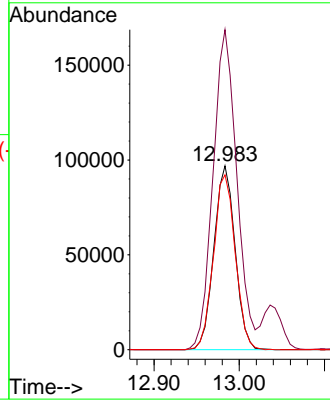
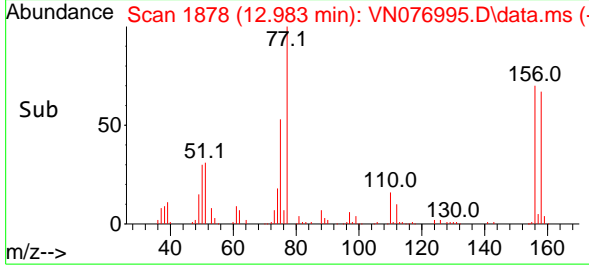
Tgt Ion:156 Resp: 167188
 Ion Ratio Lower Upper
 156 100
 77 195.2 101.3 303.7
 158 97.8 48.9 146.7

Manual Integrations

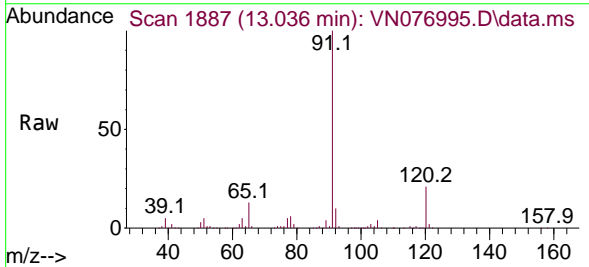
APPROVED

Reviewed By :John Carlone 03/15/2023

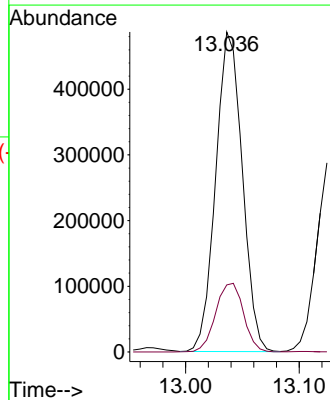
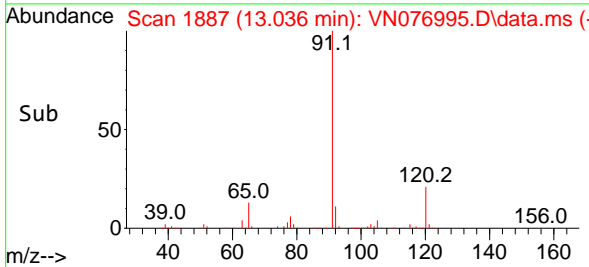
Supervised By :Mahesh Dadoda 03/15/2023

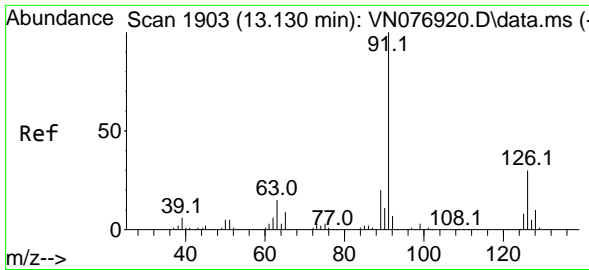


#78
 n-propylbenzene
 Concen: 46.059 ug/l
 RT: 13.036 min Scan# 1887
 Delta R.T. 0.000 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22



Tgt Ion: 91 Resp: 791484
 Ion Ratio Lower Upper
 91 100
 120 22.5 11.9 35.7





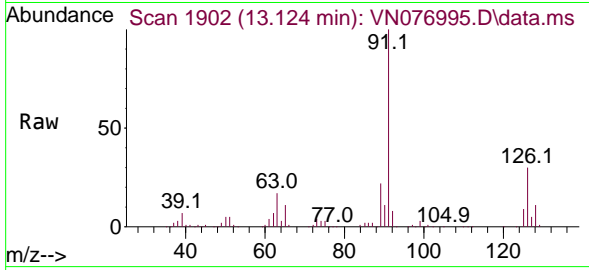
#79
 2-Chlorotoluene
 Concen: 45.135 ug/l
 RT: 13.124 min Scan# 1902
 Delta R.T. -0.006 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



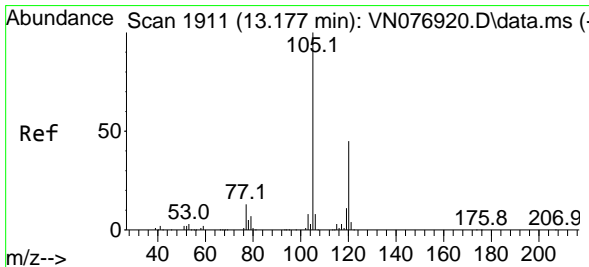
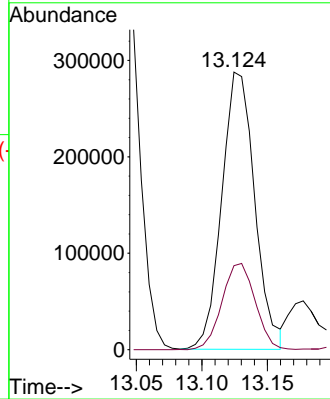
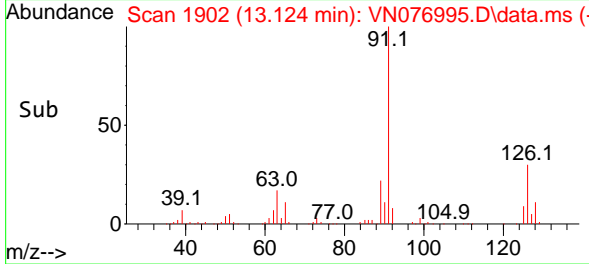
Tgt Ion: 91 Resp: 502968
 Ion Ratio Lower Upper
 91 100
 126 31.4 17.7 53.1

Manual Integrations

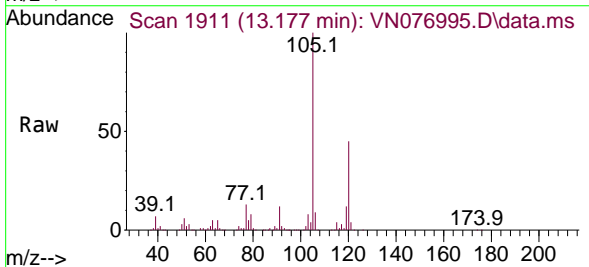
APPROVED

Reviewed By :John Carlone 03/15/2023

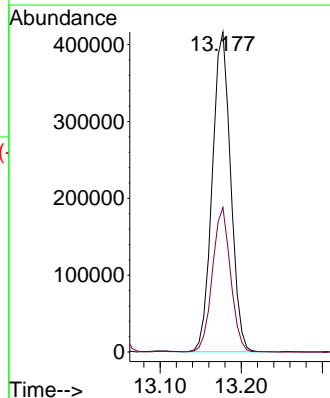
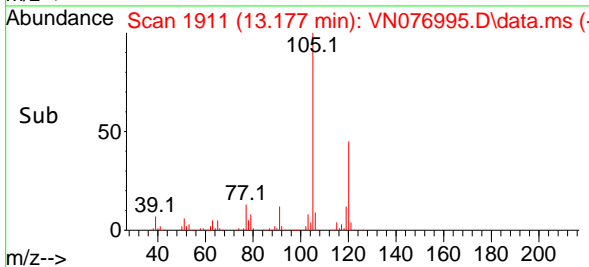
Supervised By :Mahesh Dadoda 03/15/2023

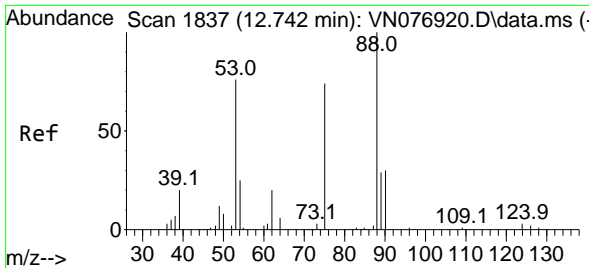


#80
 1,3,5-Trimethylbenzene
 Concen: 49.749 ug/l
 RT: 13.177 min Scan# 1911
 Delta R.T. 0.000 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22



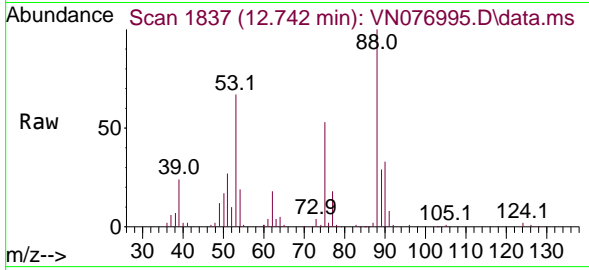
Tgt Ion:105 Resp: 653957
 Ion Ratio Lower Upper
 105 100
 120 44.6 25.2 75.6





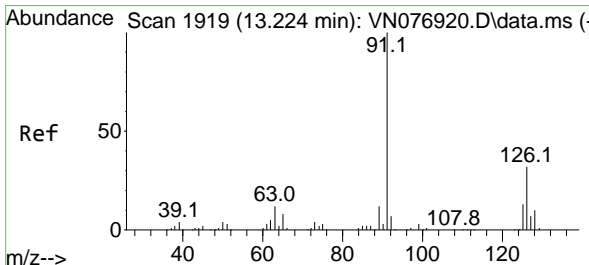
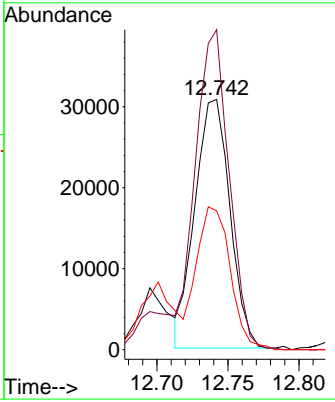
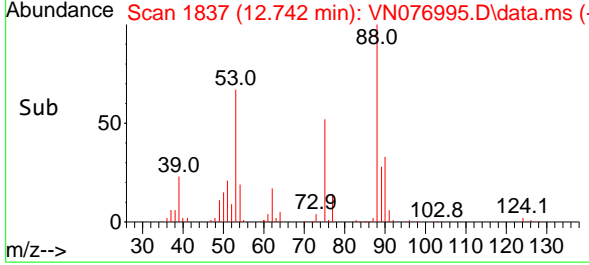
#81
 trans-1,4-Dichloro-2-butene
 Concen: 40.984 ug/l
 RT: 12.742 min Scan# 1837
 Delta R.T. 0.000 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22

Instrument : MSVOA_N
 ClientSampleId : VSTDCCC050EC

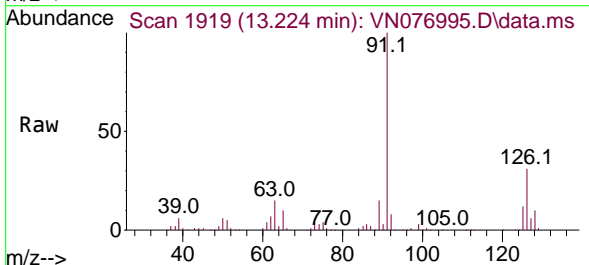


Tgt Ion: 75 Resp: 52680
 Ion Ratio Lower Upper
 75 100
 53 140.5 67.4 101.0
 89 55.1 39.5 59.3

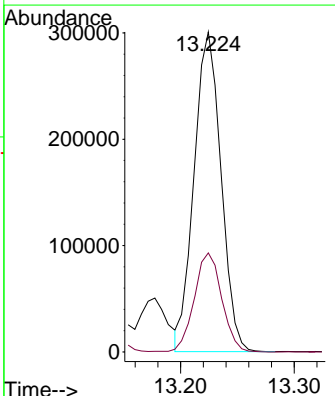
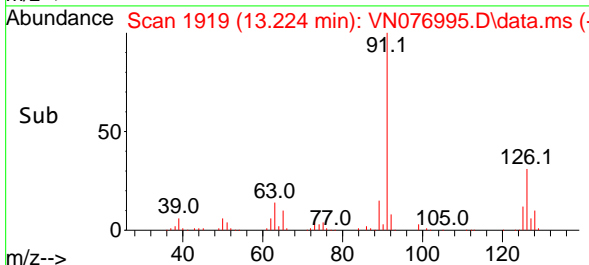
Manual Integrations
APPROVED
 Reviewed By :John Carlone 03/15/2023
 Supervised By :Mahesh Dadoda 03/15/2023

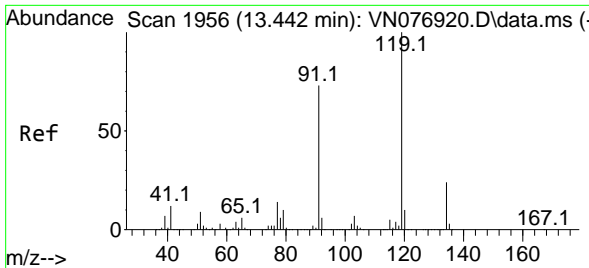


#82
 4-Chlorotoluene
 Concen: 46.999 ug/l
 RT: 13.224 min Scan# 1919
 Delta R.T. 0.000 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22



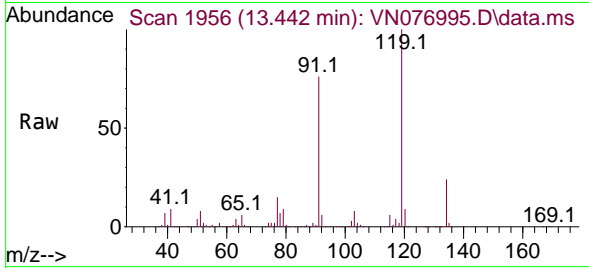
Tgt Ion: 91 Resp: 494894
 Ion Ratio Lower Upper
 91 100
 126 31.6 18.0 54.0





#83
 tert-Butylbenzene
 Concen: 50.250 ug/l
 RT: 13.442 min Scan# 1956
 Delta R.T. 0.000 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22

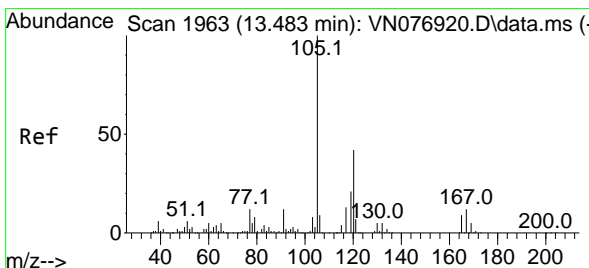
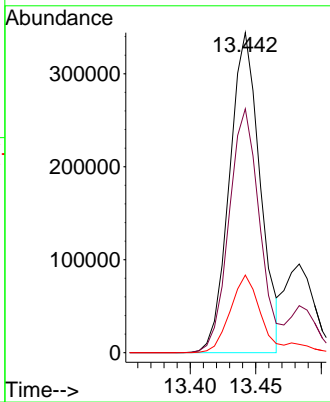
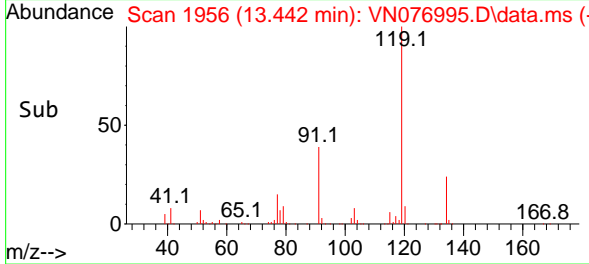
Instrument : MSVOA_N
 ClientSampleId : VSTDCCC050EC



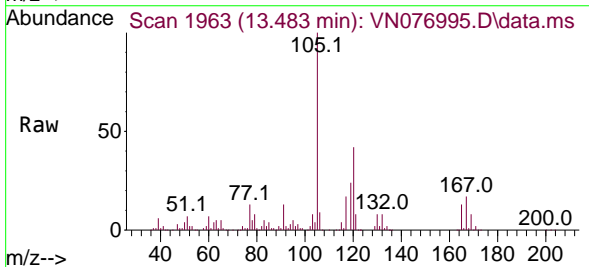
Tgt Ion:119 Resp: 561170
 Ion Ratio Lower Upper
 119 100
 91 77.2 31.9 95.5
 134 23.6 13.8 41.4

Manual Integrations
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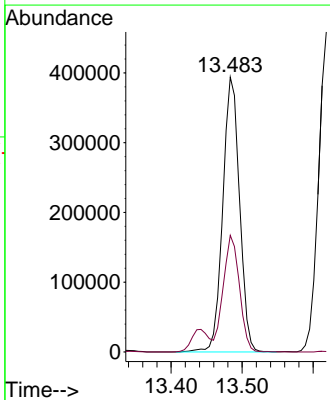
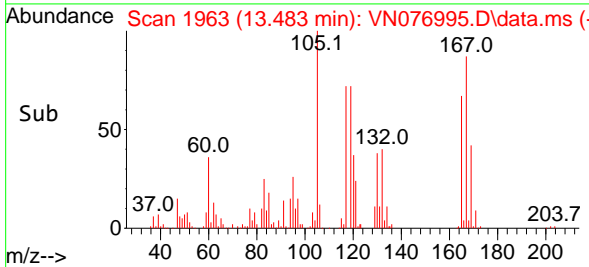
Reviewed By :John Carlone 03/15/2023
 Supervised By :Mahesh Dadoda 03/15/2023

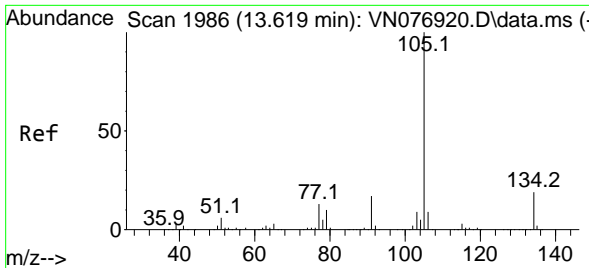


#84
 1,2,4-Trimethylbenzene
 Concen: 49.110 ug/l
 RT: 13.483 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22



Tgt Ion:105 Resp: 645867
 Ion Ratio Lower Upper
 105 100
 120 40.8 23.6 70.8





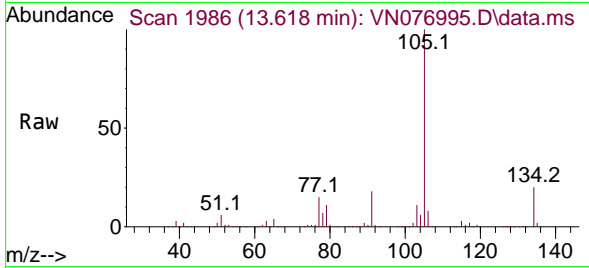
#85
 sec-Butylbenzene
 Concen: 47.748 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.001 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

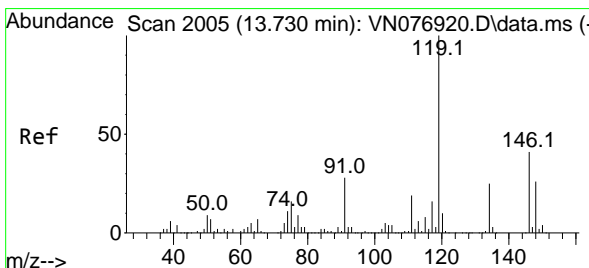
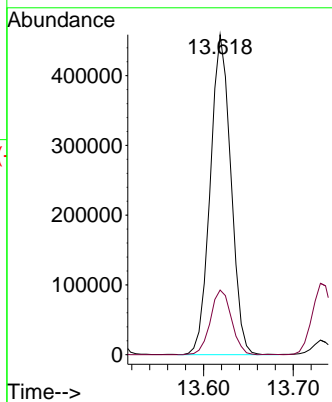
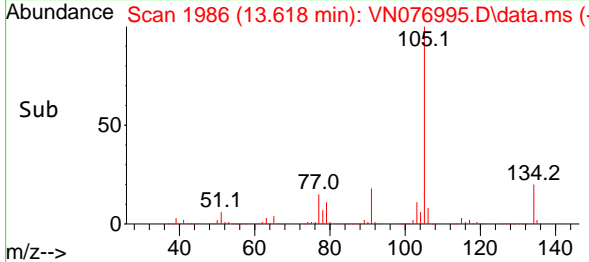


Tgt Ion:105 Resp: 730900
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.4 31.2

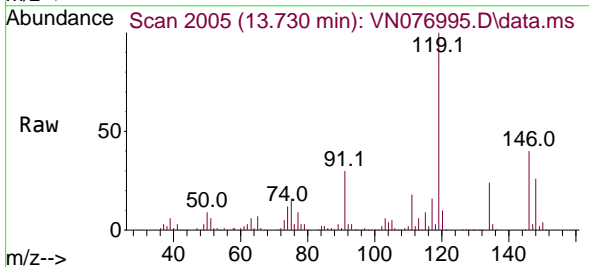
Manual Integrations

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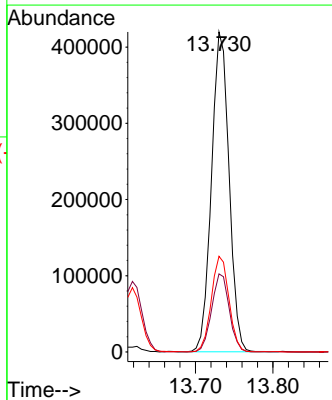
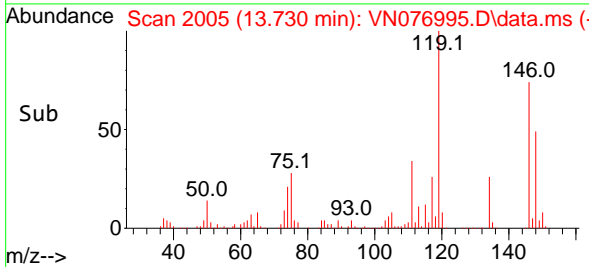
Reviewed By :John Carlone 03/15/2023
 Supervised By :Mahesh Dadoda 03/15/2023

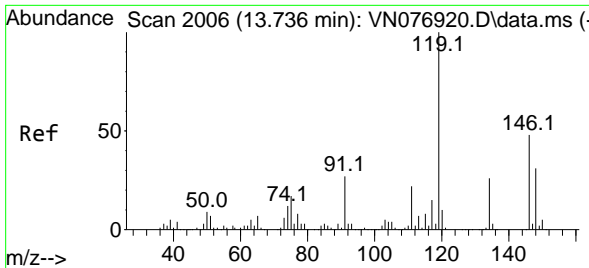


#86
 p-Isopropyltoluene
 Concen: 53.327 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22



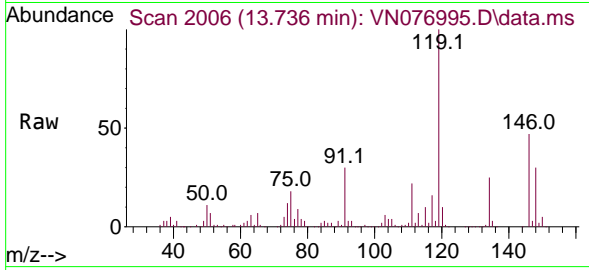
Tgt Ion:119 Resp: 659195
 Ion Ratio Lower Upper
 119 100
 134 24.5 13.5 40.5
 91 29.9 11.2 33.6





#87
 1,3-Dichlorobenzene
 Concen: 49.928 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. -0.000 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22

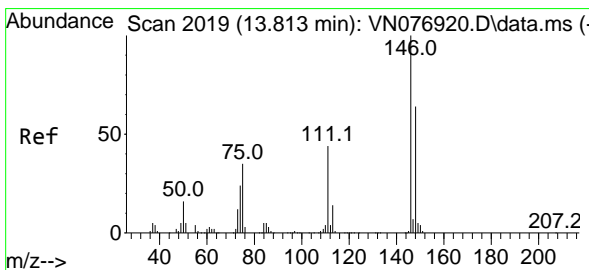
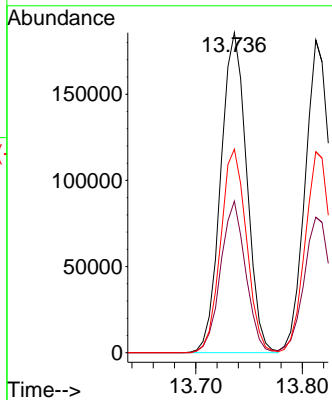
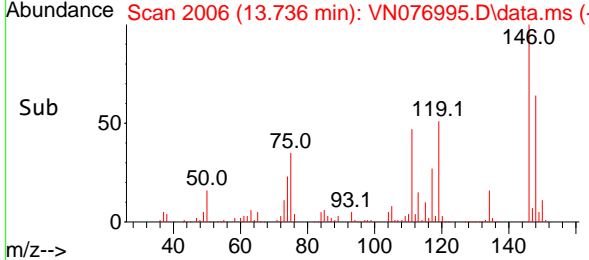
Instrument : MSVOA_N
 Client Sample Id : VSTDCCC050EC



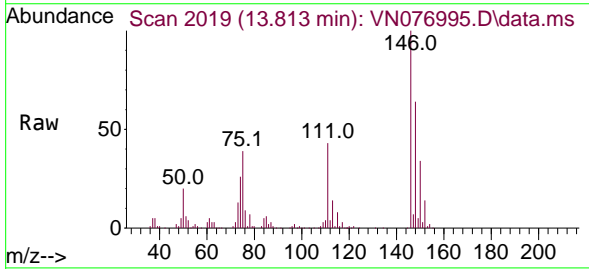
Tgt Ion:146 Resp: 313918
 Ion Ratio Lower Upper
 146 100
 111 45.6 20.4 61.2
 148 63.2 31.5 94.5

Manual Integrations
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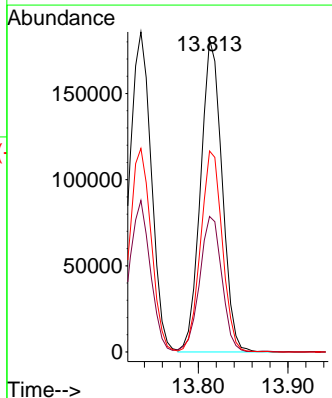
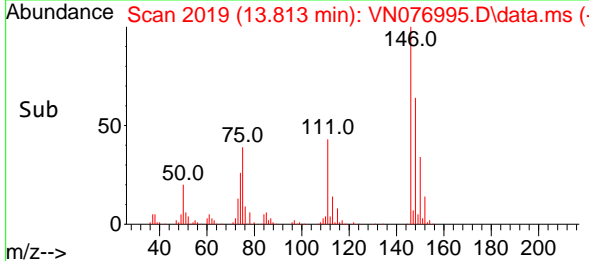
Reviewed By :John Carlone 03/15/2023
 Supervised By :Mahesh Dadoda 03/15/2023

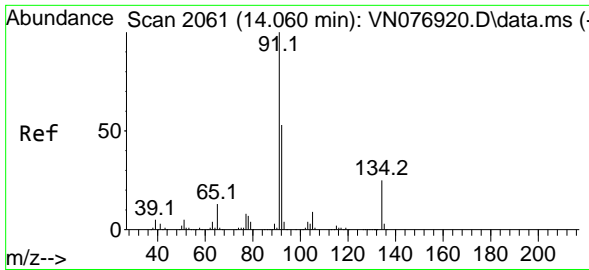


#88
 1,4-Dichlorobenzene
 Concen: 47.839 ug/l
 RT: 13.813 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22



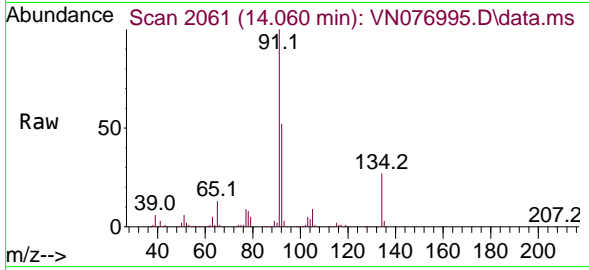
Tgt Ion:146 Resp: 301728
 Ion Ratio Lower Upper
 146 100
 111 44.5 20.0 60.0
 148 64.9 31.8 95.4





#89
 n-Butylbenzene
 Concen: 49.078 ug/l
 RT: 14.060 min Scan# 2061
 Delta R.T. -0.000 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22

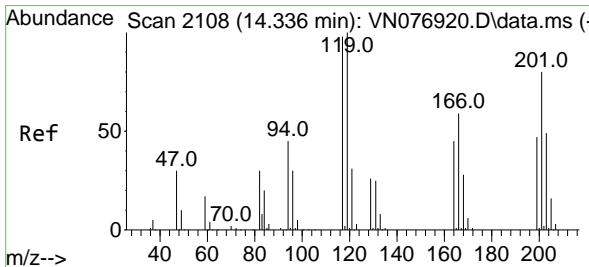
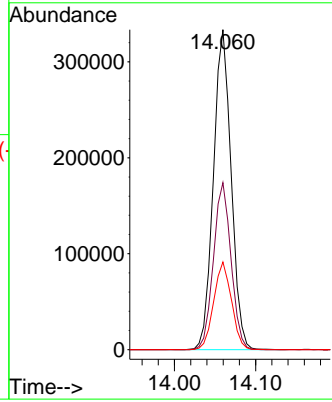
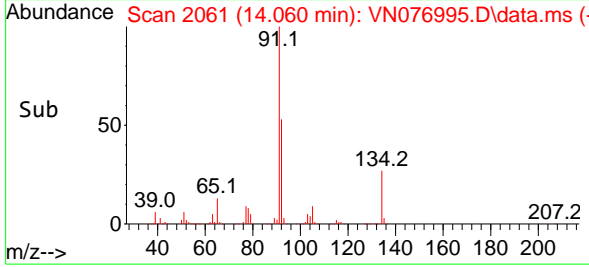
Instrument : MSVOA_N
 Client Sample Id : VSTDCCC050EC



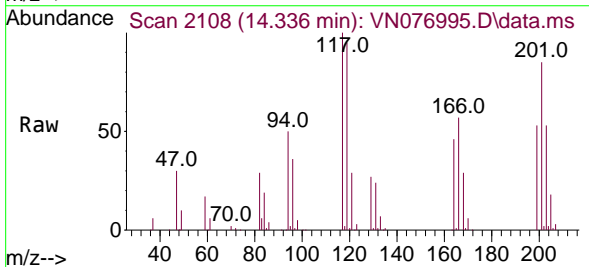
Tgt Ion: 91 Resp: 50625
 Ion Ratio Lower Upper
 91 100
 92 51.7 26.6 79.7
 134 27.5 13.6 40.7

Manual Integrations
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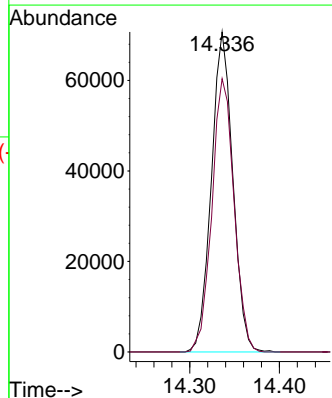
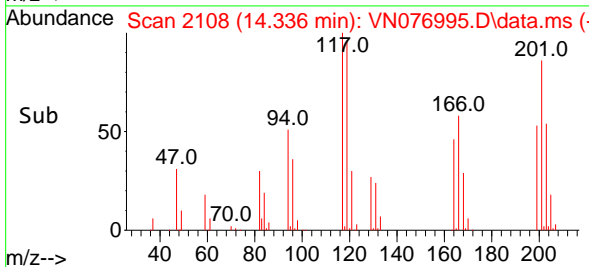
Reviewed By : John Carlone 03/15/2023
 Supervised By : Mahesh Dadoda 03/15/2023

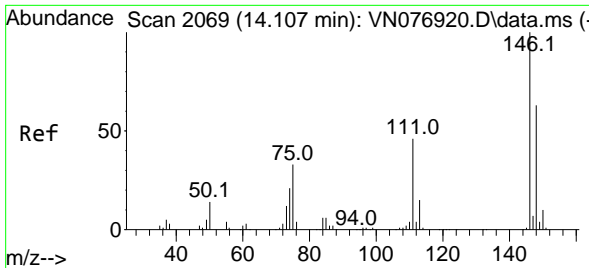


#90
 Hexachloroethane
 Concen: 49.446 ug/l
 RT: 14.336 min Scan# 2108
 Delta R.T. 0.000 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22



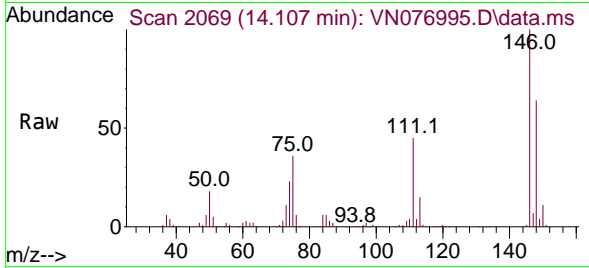
Tgt Ion: 117 Resp: 117449
 Ion Ratio Lower Upper
 117 100
 201 88.0 31.9 95.7





#91
 1,2-Dichlorobenzene
 Concen: 48.318 ug/l
 RT: 14.107 min Scan# 2069
 Delta R.T. -0.000 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22

Instrument : MSVOA_N
 Client Sample Id : VSTDCCC050EC

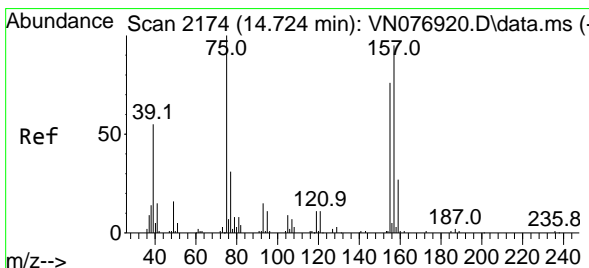
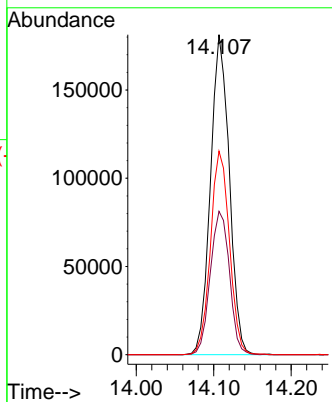
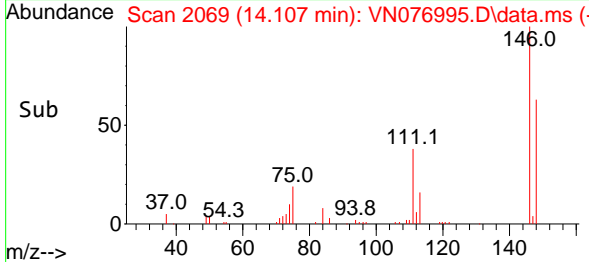


Tgt Ion: 146 Resp: 30518

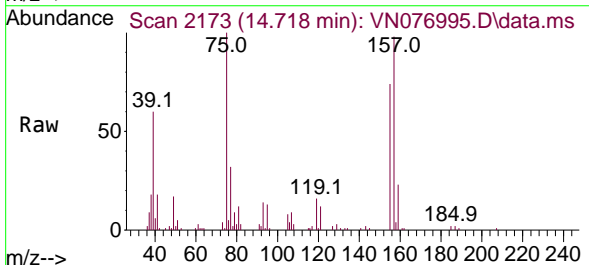
Ion	Ratio	Lower	Upper
146	100		
111	45.8	21.4	64.2
148	64.1	32.0	96.0

Manual Integrations
APPROVED

Reviewed By : John Carlone 03/15/2023
 Supervised By : Mahesh Dadoda 03/15/2023

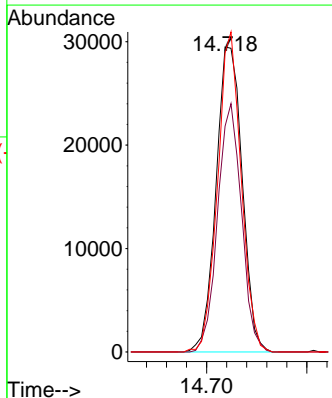
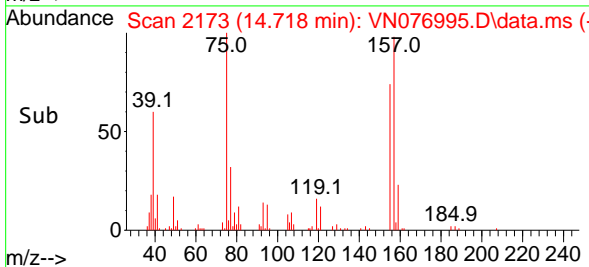


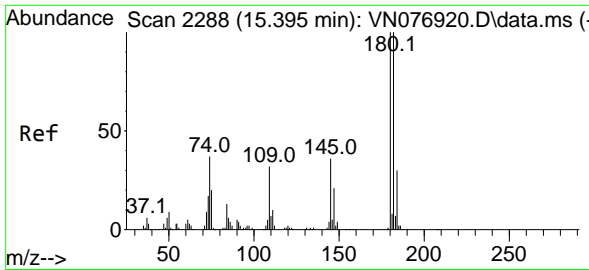
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.385 ug/l
 RT: 14.718 min Scan# 2173
 Delta R.T. -0.006 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22



Tgt Ion: 75 Resp: 53519

Ion	Ratio	Lower	Upper
75	100		
155	74.2	44.3	132.8
157	94.3	58.3	174.8





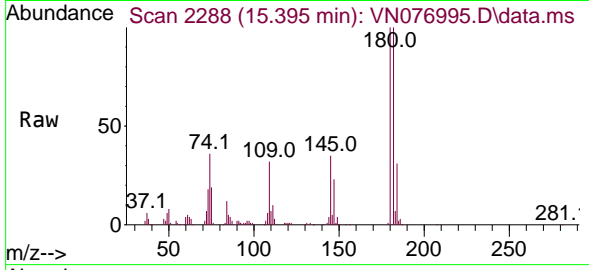
#93
 1,2,4-Trichlorobenzene
 Concen: 54.652 ug/l
 RT: 15.395 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



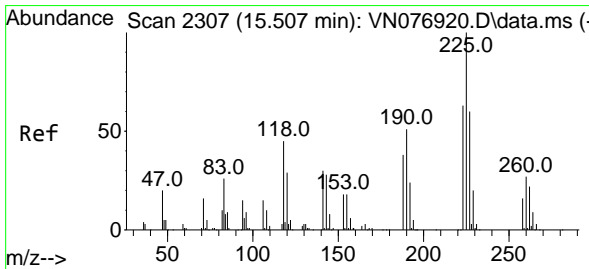
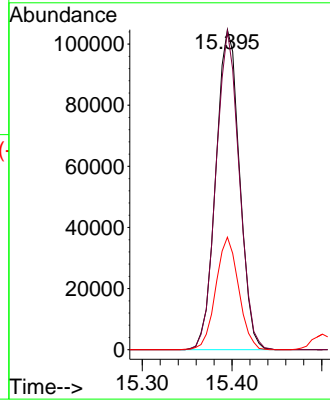
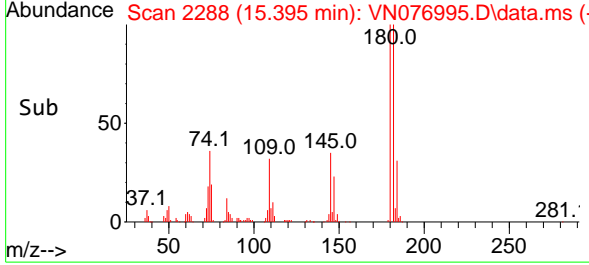
Tgt Ion:180 Resp: 191878
 Ion Ratio Lower Upper
 180 100
 182 98.0 47.4 142.2
 145 33.9 15.8 47.3

Manual Integrations

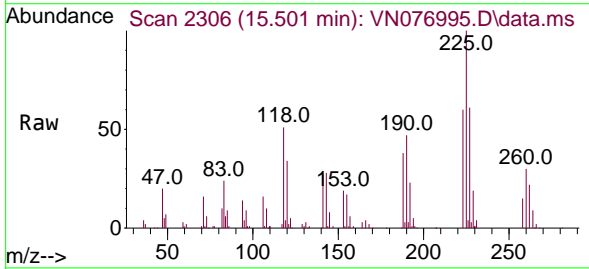
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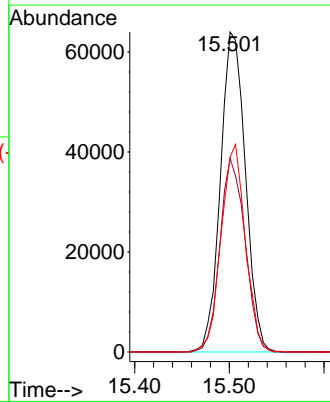
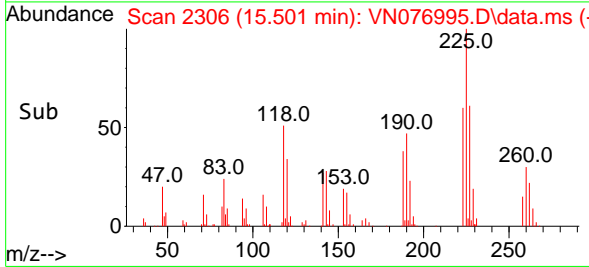
Supervised By :Mahesh Dadoda 03/15/2023

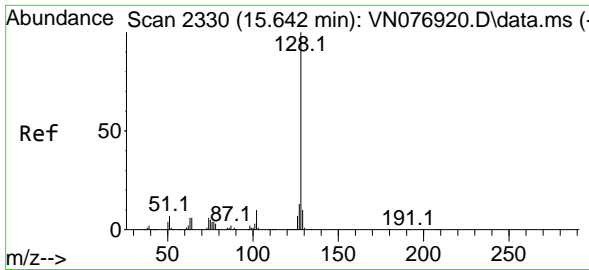


#94
 Hexachlorobutadiene
 Concen: 62.721 ug/l
 RT: 15.501 min Scan# 2306
 Delta R.T. -0.006 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22



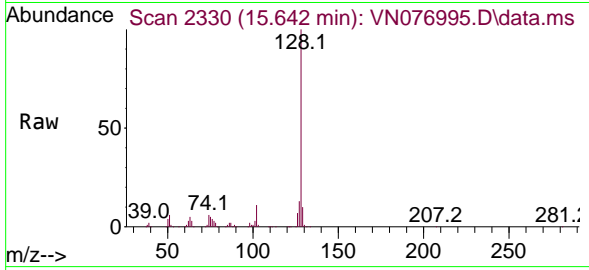
Tgt Ion:225 Resp: 117322
 Ion Ratio Lower Upper
 225 100
 223 60.9 31.4 94.0
 227 63.0 30.9 92.7





#95
 Naphthalene
 Concen: 52.065 ug/l
 RT: 15.642 min Scan# 2330
 Delta R.T. -0.000 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22

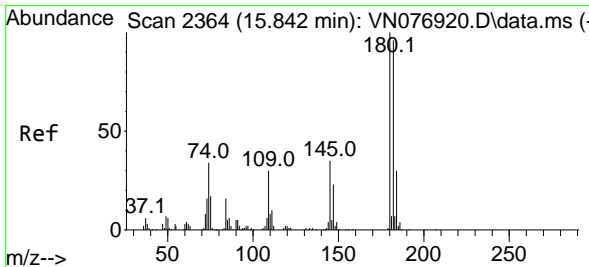
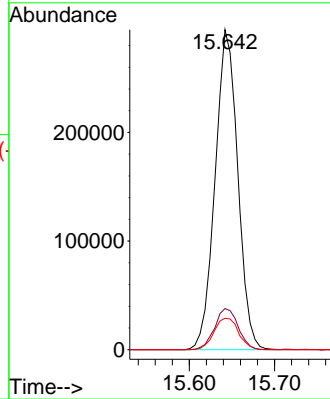
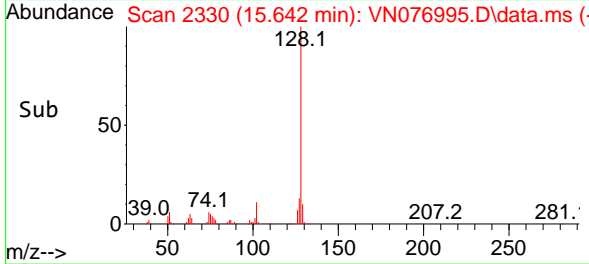
Instrument : MSVOA_N
 Client Sample Id : VSTDCCC050EC



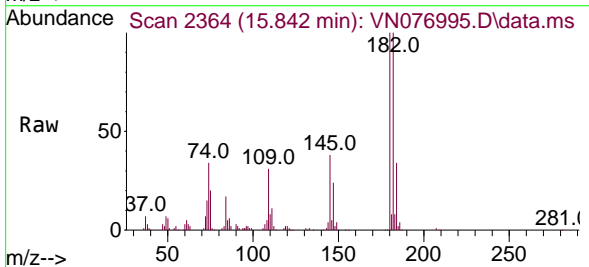
Tgt Ion:128 Resp: 544228
 Ion Ratio Lower Upper
 128 100
 127 13.4 10.2 15.4
 129 10.7 8.9 13.3

Manual Integrations
APPROVED

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#96
 1,2,3-Trichlorobenzene
 Concen: 54.222 ug/l
 RT: 15.842 min Scan# 2364
 Delta R.T. -0.000 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22



Tgt Ion:180 Resp: 184858
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.7 143.1
 145 35.0 17.0 51.0

