

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101823\
 Data File : VN079595.D
 Acq On : 18 Oct 2023 11:47
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/19/2023
 Supervised By : Mahesh Dadoda 10/20/2023

Quant Time: Oct 19 06:11:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 18 02:19:15 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.812	128	19772m	30.000	ug/l	-0.01
28) 1,4-Difluorobenzene	9.106	114	145700	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	178258	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	85653	30.469	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.567%
60) 4-Bromofluorobenzene	12.853	95	99039	30.382	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	101.267%
63) Toluene-d8	10.571	98	235739	30.862	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.867%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.130	85	59709	20.824	ug/l	99
3) Chloromethane	2.371	50	73086	19.666	ug/l	100
4) Vinyl Chloride	2.518	62	83564	20.835	ug/l	98
5) Bromomethane	2.959	94	47016	18.906	ug/l	93
6) Chloroethane	3.124	64	54558	19.326	ug/l #	87
7) Trichlorofluoromethane	3.501	101	104629	21.378	ug/l	99
8) Diethyl Ether	3.965	74	35255	19.876	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	59471	21.239	ug/l	98
10) 1,1-Dichloroethene	4.342	96	53592	20.116	ug/l	90
11) Methyl Iodide	4.589	142	60180	20.403	ug/l	100
12) Methyl Acetate	5.030	43	132825	20.682	ug/l	98
13) Acrolein	4.183	56	55156m	103.892	ug/l	
14) Acrylonitrile	5.724	53	156779	101.936	ug/l	100
15) Acetone	4.436	58	50873	104.416	ug/l	80
16) Carbon Disulfide	4.718	76	159128	19.588	ug/l	99
17) Allyl chloride	5.030	41	80664	19.639	ug/l	99
18) Methylene Chloride	5.283	84	67501	20.585	ug/l	94
19) trans-1,2-Dichloroethene	5.789	96	62420	20.943	ug/l	97
20) Diisopropyl ether	6.677	45	199062	20.439	ug/l	95
21) 1,1-Dichloroethane	6.577	63	121709	20.565	ug/l	96
22) cis-1,2-Dichloroethene	7.489	96	71734	20.896	ug/l	94
23) tert-Butyl Alcohol	5.518	59	46031	89.502	ug/l #	100
24) Methyl tert-Butyl Ether	5.795	73	178028	19.916	ug/l	99
25) Chloroform	7.971	83	126614	21.173	ug/l	91
26) Cyclohexane	8.265	56	89303	19.961	ug/l #	98
29) 1,1-Dichloropropene	8.377	75	90823	21.331	ug/l	99
30) 2-Butanone	7.489	43	216687	101.526	ug/l	99
31) 2,2-Dichloropropane	7.489	77	96866	20.177	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	106258	20.996	ug/l	98
33) Carbon Tetrachloride	8.365	117	92542	21.501	ug/l	98
34) Benzene	8.612	78	271745	21.006	ug/l	97
35) Methacrylonitrile	7.783	41	45512	20.271	ug/l	94
36) 1,2-Dichloroethane	8.677	62	98286	21.279	ug/l	100
37) Trichloroethene	9.359	130	63126	20.876	ug/l	99
38) Methylcyclohexane	9.606	83	80357	19.602	ug/l	99
39) 1,2-Dichloropropane	9.630	63	71825	21.039	ug/l	98
40) Dibromomethane	9.718	93	47067	21.008	ug/l	98
41) Bromodichloromethane	9.894	83	97003	20.892	ug/l	97
42) Vinyl Acetate	6.606	43	538710	99.501	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	90794	22.623	ug/l #	77
44) Isopropyl Acetate	8.694	43	137651	19.294	ug/l	98
45) 1,4-Dioxane	9.700	88	23081	413.304	ug/l	96
46) Methyl methacrylate	9.682	41	66120	20.891	ug/l	98
47) n-amyl Acetate	12.500	43	101368	19.687	ug/l	99
48) t-1,3-Dichloropropene	10.841	75	93701	19.963	ug/l	96
49) cis-1,3-Dichloropropene	10.312	75	106137	20.679	ug/l	94
50) 1,1,2-Trichloroethane	11.018	97	66458	21.382	ug/l	95
51) Ethyl methacrylate	10.877	69	86589	20.192	ug/l	96
52) 1,3-Dichloropropane	11.165	76	115766	21.025	ug/l	99
53) Dibromochloromethane	11.359	129	68652	21.612	ug/l	100
54) 1,2-Dibromoethane	11.471	107	65582	21.388	ug/l	100
55) 2-Chloroethyl vinyl ether	10.165	63	150997	92.292	ug/l	99
56) Bromoform	12.582	173	43104	20.512	ug/l	96
58) 4-Methyl-2-Pentanone	10.447	43	435963	104.854	ug/l	100
59) 2-Hexanone	11.200	43	309998	101.629	ug/l	99
61) Tetrachloroethene	11.106	164	52963	21.640	ug/l	96
62) Toluene	10.635	91	290151	21.298	ug/l	99
64) Chlorobenzene	11.894	112	164812	20.859	ug/l	93
65) 1,1,1,2-Tetrachloroethane	11.965	131	65210	21.665	ug/l	92
66) Ethyl Benzene	11.965	91	291477	20.765	ug/l	99
67) m/p-Xylenes	12.076	106	225635	43.461	ug/l	97
68) o-Xylene	12.400	106	105665	21.290	ug/l	98
69) Styrene	12.418	104	171614	21.781	ug/l	99
70) Isopropylbenzene	12.700	105	269893	21.189	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	97627	21.556	ug/l	100
72) 1,2,3-Trichloropropane	12.994	75	85389m	20.762	ug/l	
73) Bromobenzene	12.982	156	64507	21.559	ug/l	99
74) n-propylbenzene	13.041	91	321773	21.699	ug/l	100
75) 2-Chlorotoluene	13.129	91	197506	21.424	ug/l	100
76) 1,3,5-Trimethylbenzene	13.176	105	227497	21.849	ug/l	98
77) t-1,4-Dichloro-2-butene	12.741	75	24271	19.336	ug/l	98
78) 4-Chlorotoluene	13.223	91	186234	21.381	ug/l	99
79) tert-butylbenzene	13.441	119	172016	20.547	ug/l	98
80) 1,2,4-Trimethylbenzene	13.488	105	216539	21.462	ug/l	98
81) sec-Butylbenzene	13.623	105	253760	21.592	ug/l	99
82) p-Isopropyltoluene	13.735	119	200757	21.534	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	106140	21.572	ug/l	99
84) 1,4-Dichlorobenzene	13.818	146	100672	21.343	ug/l	99
85) n-Butylbenzene	14.059	91	150800	20.703	ug/l	99
86) Hexachloroethane	14.335	117	42063	20.870	ug/l	96
87) 1,2-Dichlorobenzene	14.106	146	107191	21.919	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.723	75	13451	19.491	ug/l	93
89) 1,2,4-Trichlorobenzene	15.847	180	31719	18.401	ug/l	99
90) Hexachlorobutadiene	15.506	225	24715	20.242	ug/l	100
91) Naphthalene	15.647	128	64814	14.577	ug/l	99
92) 1,2,3-Trichlorobenzene	15.847	180	31719	18.401	ug/l	99

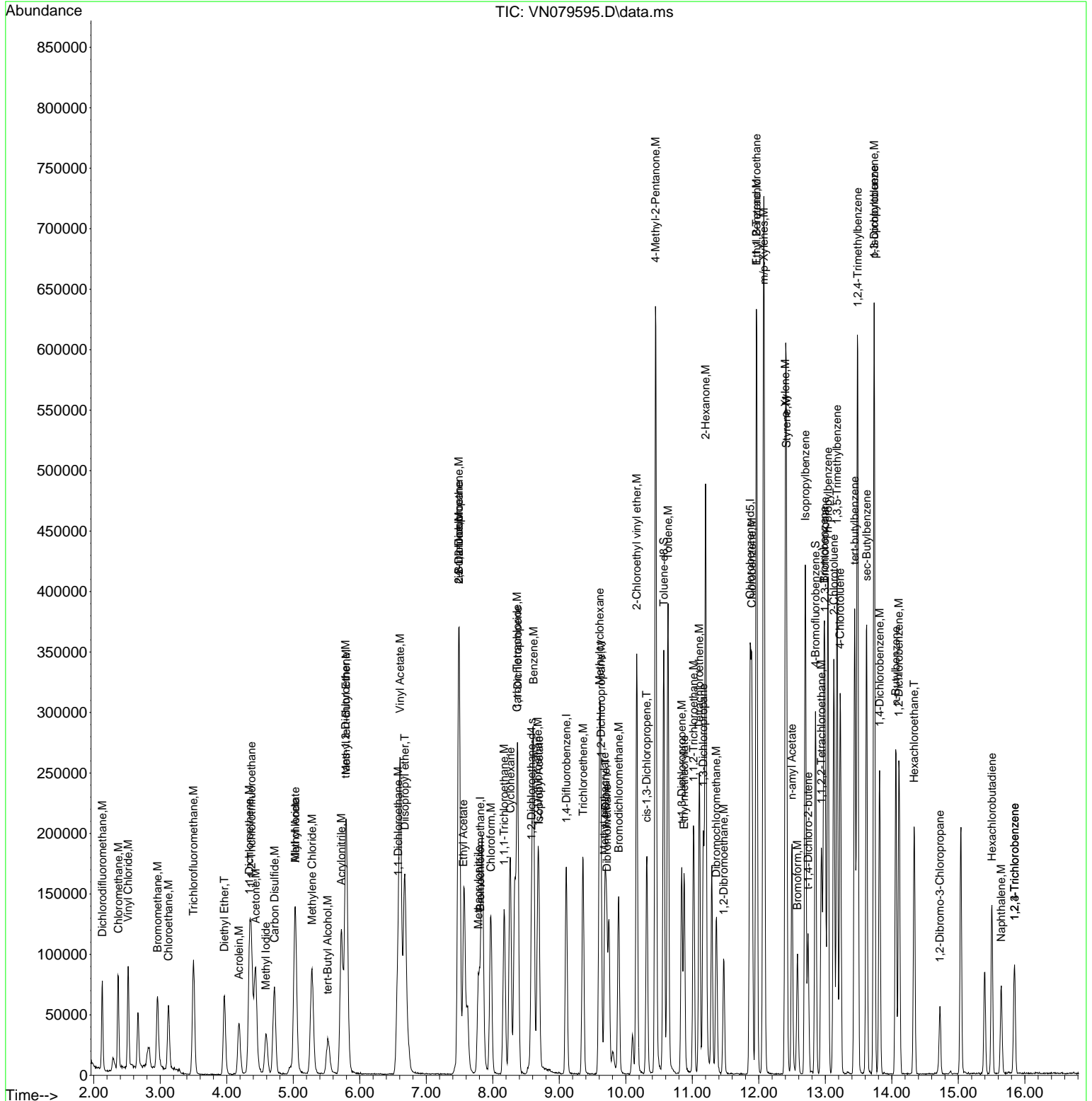
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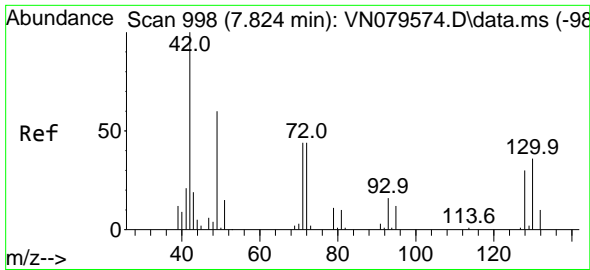
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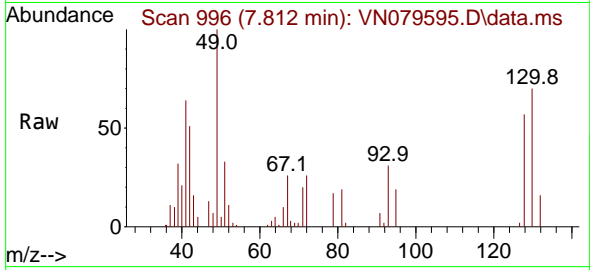
#1
 Bromochloromethane
 Concen: 30.000 ug/l m
 RT: 7.812 min Scan# 998
 Delta R.T. -0.012 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47

Instrument :

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VSTDCCC020



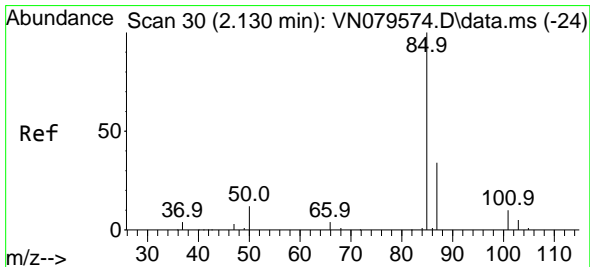
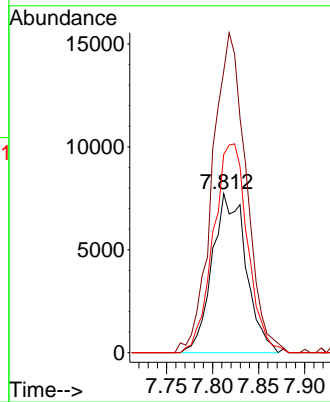
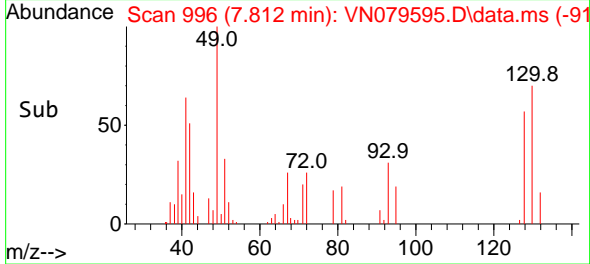
Tgt Ion:128 Resp: 19772
 Ion Ratio Lower Upper
 128 100
 49 200.1 0.0 468.5
 130 133.0 0.0 320.7

Manual Integrations

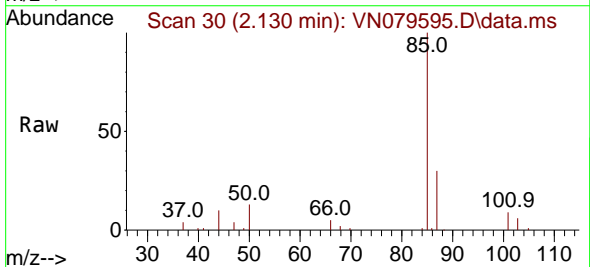
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Reviewed By :John Carlone 10/19/2023

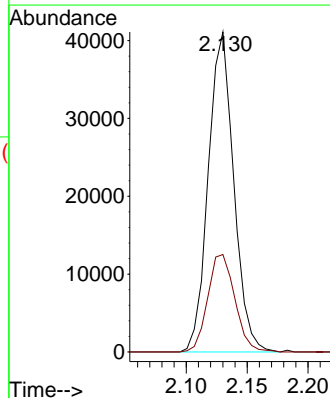
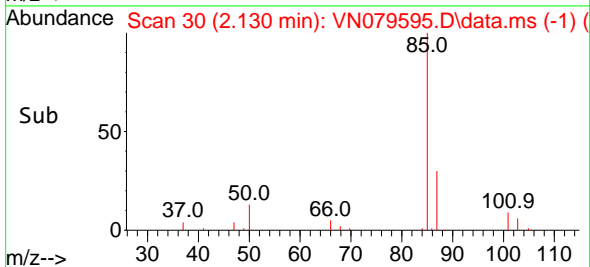
Supervised By :Mahesh Dadoda 10/20/2023

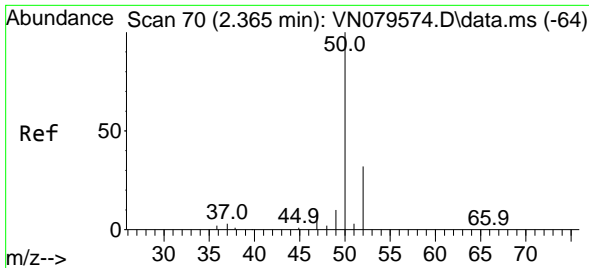


#2
 Dichlorodifluoromethane
 Concen: 20.824 ug/l
 RT: 2.130 min Scan# 30
 Delta R.T. 0.000 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47



Tgt Ion: 85 Resp: 59709
 Ion Ratio Lower Upper
 85 100
 87 30.4 15.6 46.7





#3
 Chloromethane
 Concen: 19.666 ug/l
 RT: 2.371 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47

Instrument :

MSVOA_N

ClientSampleId :

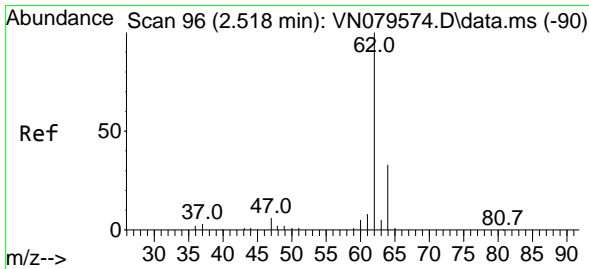
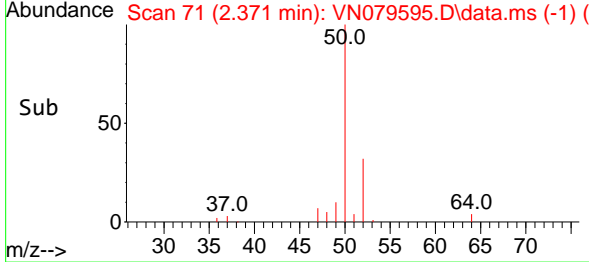
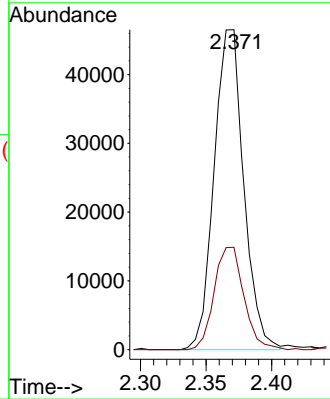
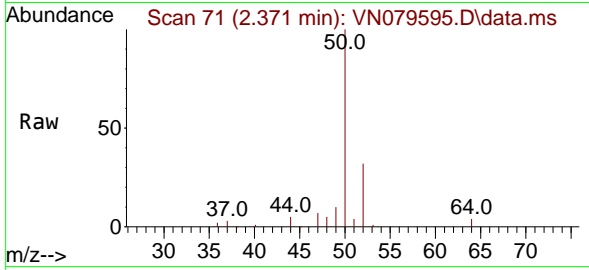
VSTDC020

Tgt Ion: 50 Resp: 73080
 Ion Ratio Lower Upper
 50 100
 52 32.0 25.6 38.4

Manual Integrations

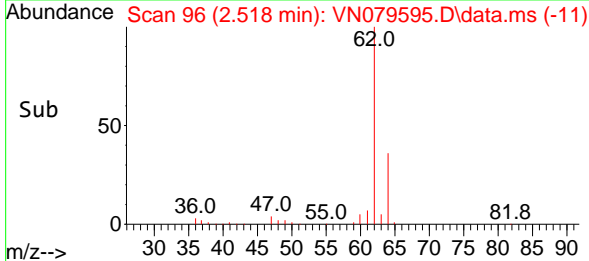
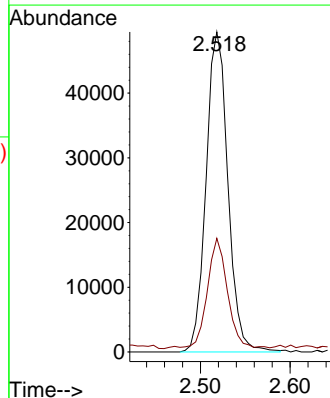
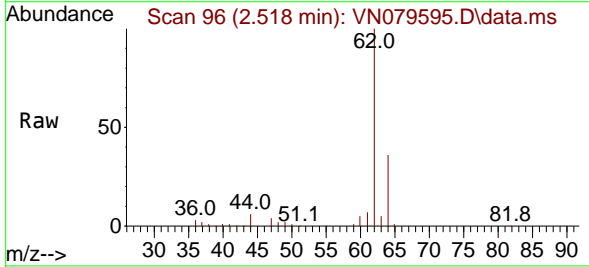
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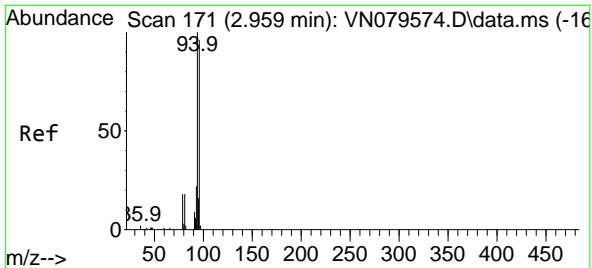
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#4
 Vinyl Chloride
 Concen: 20.835 ug/l
 RT: 2.518 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VN079595.D
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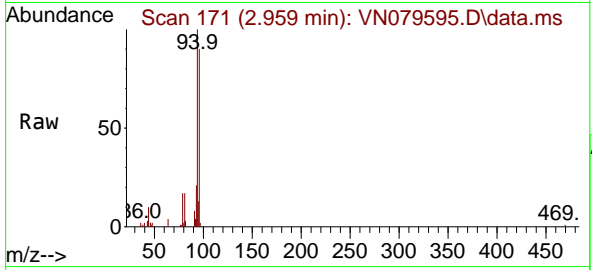
Tgt Ion: 62 Resp: 83564
 Ion Ratio Lower Upper
 62 100
 64 34.1 26.4 39.6





#5
 Bromomethane
 Concen: 18.906 ug/l
 RT: 2.959 min Scan# 171
 Delta R.T. 0.000 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47

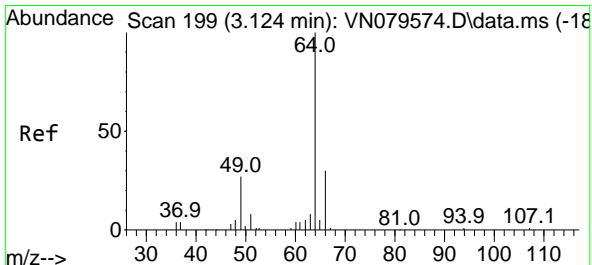
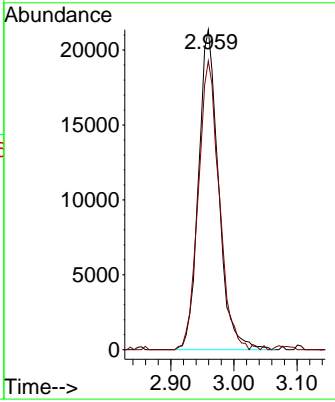
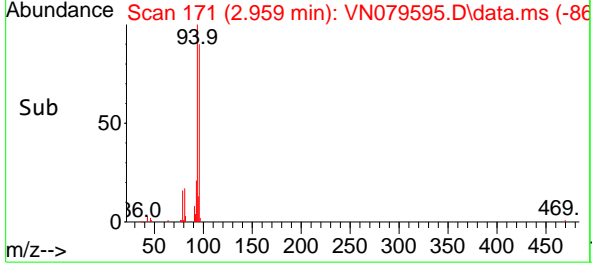
Instrument : MSVOA_N
 Client Sample Id : VSTDCCC020



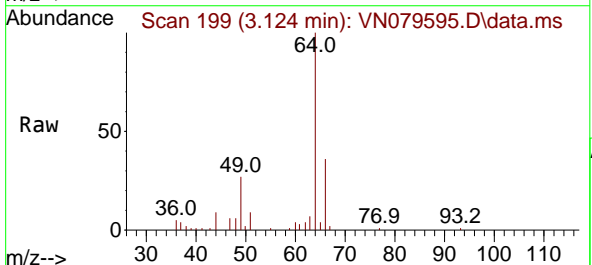
Tgt Ion: 94 Resp: 47010
 Ion Ratio Lower Upper
 94 100
 96 90.2 77.8 116.6

Manual Integrations
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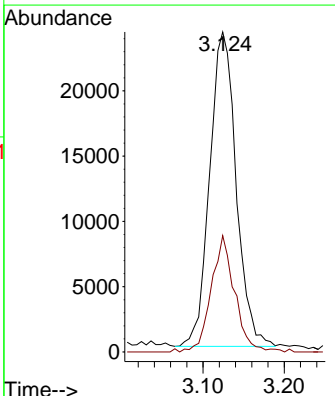
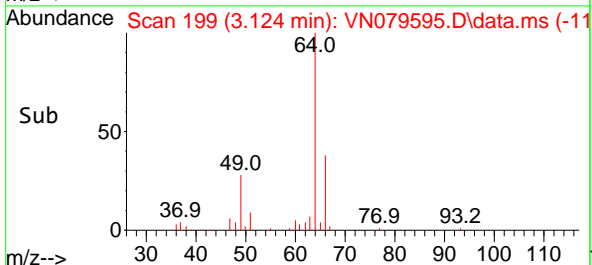
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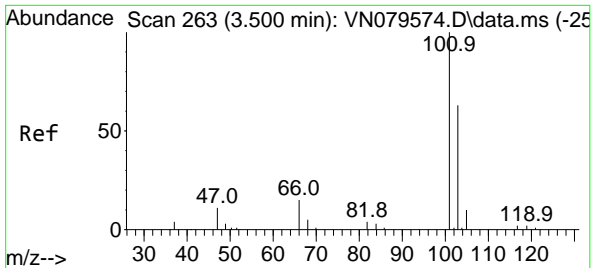


#6
 Chloroethane
 Concen: 19.326 ug/l
 RT: 3.124 min Scan# 199
 Delta R.T. 0.000 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47



Tgt Ion: 64 Resp: 54558
 Ion Ratio Lower Upper
 64 100
 66 36.1 23.3 34.9#





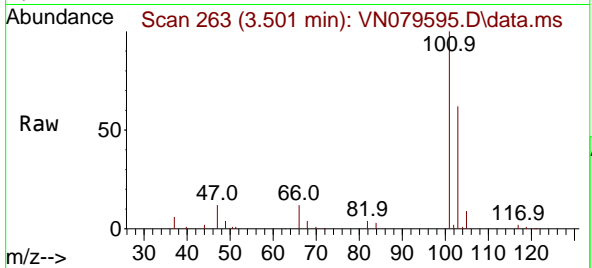
#7
 Trichlorofluoromethane
 Concen: 21.378 ug/l
 RT: 3.501 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN079595.D
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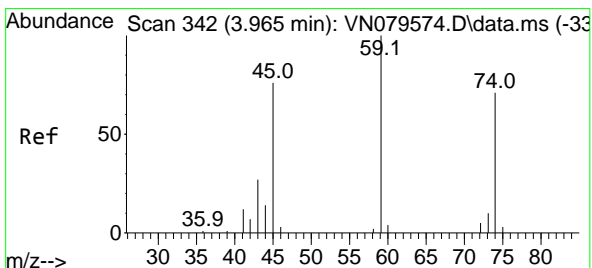
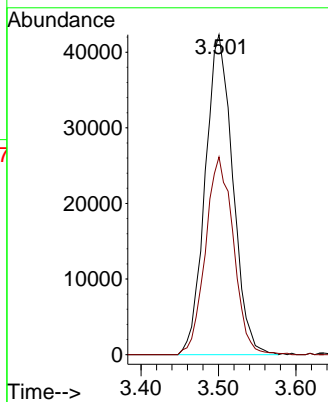
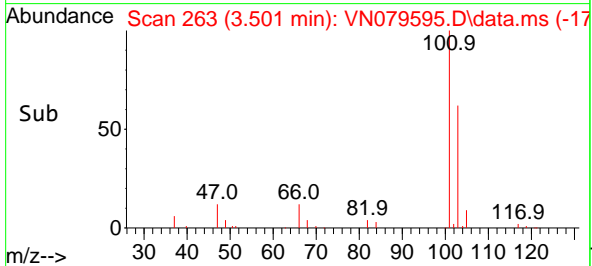


Tgt Ion:101 Resp: 104629
 Ion Ratio Lower Upper
 101 100
 103 61.8 49.9 74.9

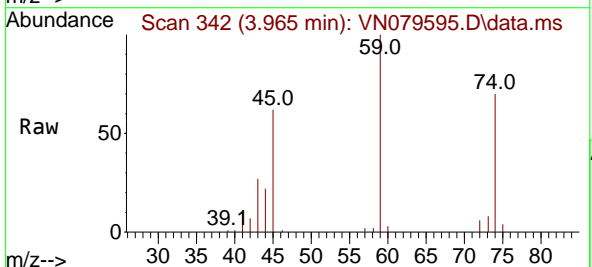
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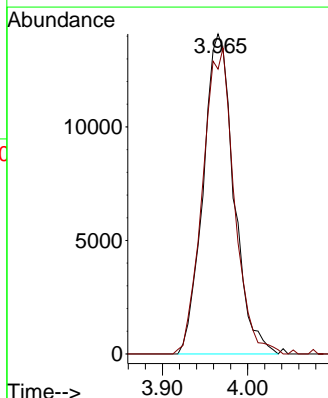
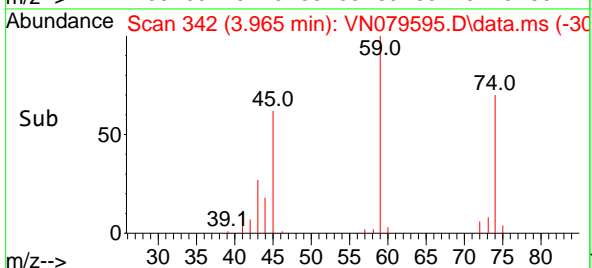
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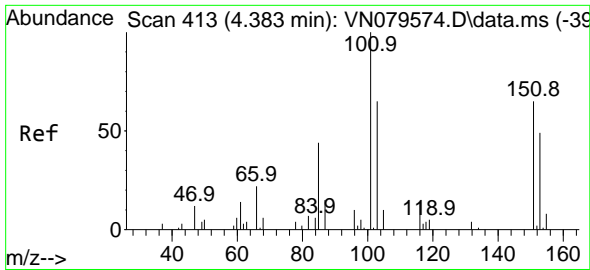


#8
 Diethyl Ether
 Concen: 19.876 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 35255
 Ion Ratio Lower Upper
 74 100
 45 97.5 19.0 171.0





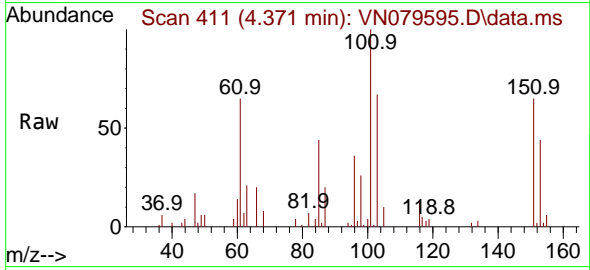
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 21.239 ug/l
 RT: 4.371 min Scan# 411
 Delta R.T. -0.012 min
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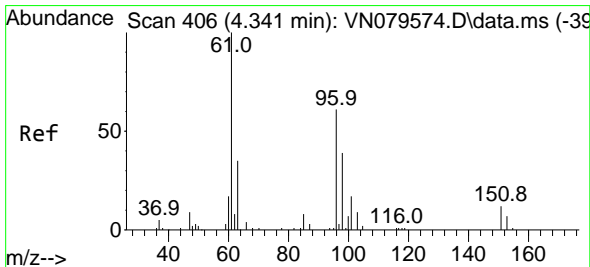
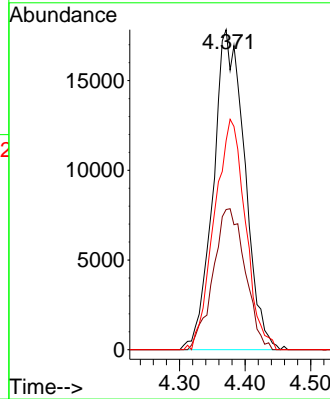
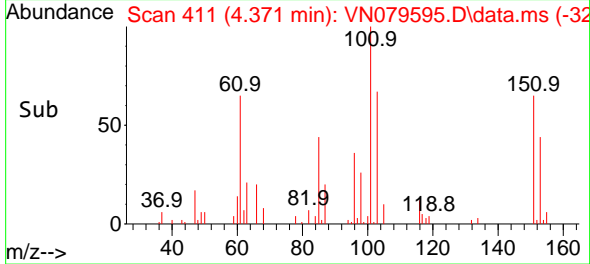
Tgt Ion:101 Resp: 5947
 Ion Ratio Lower Upper
 101 100
 85 45.0 0.0 92.0
 151 71.0 0.0 138.4

Manual Integrations

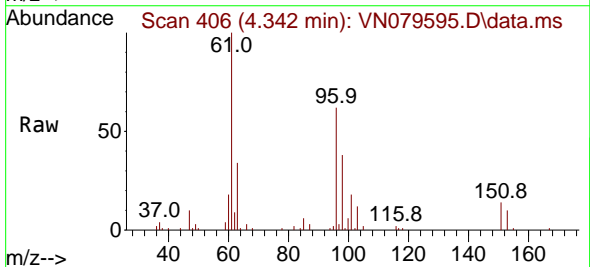
APPROVED

Reviewed By :John Carlone 10/19/2023

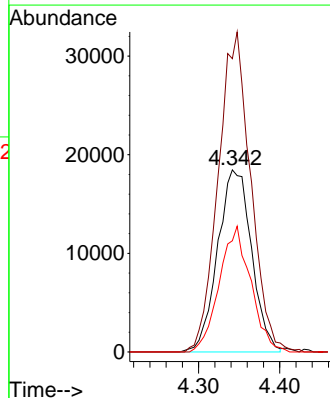
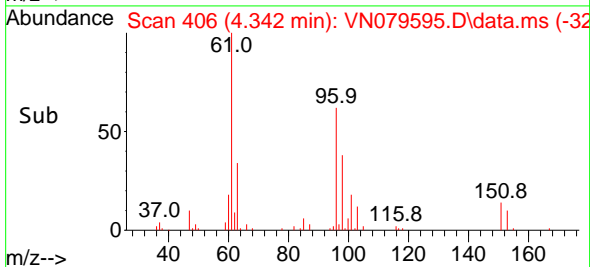
Supervised By :Mahesh Dadoda 10/20/2023

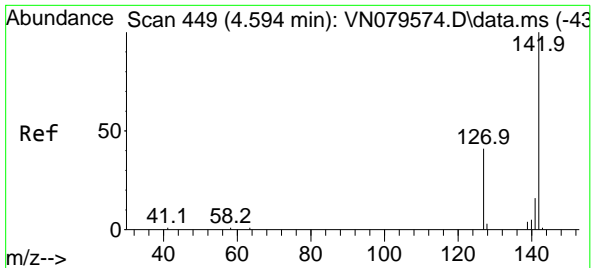


#10
 1,1-Dichloroethene
 Concen: 20.116 ug/l
 RT: 4.342 min Scan# 406
 Delta R.T. 0.000 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47



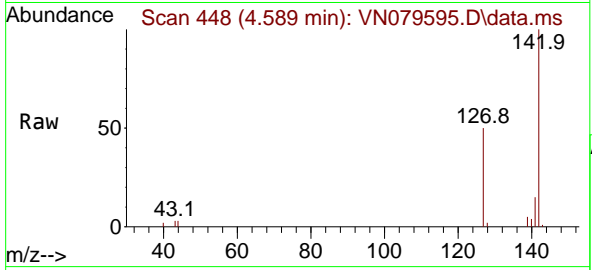
Tgt Ion: 96 Resp: 53592
 Ion Ratio Lower Upper
 96 100
 61 161.0 141.3 211.9
 98 61.1 53.2 79.8





#11
 Methyl Iodide
 Concen: 20.403 ug/l
 RT: 4.589 min Scan# 449
 Delta R.T. -0.006 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47

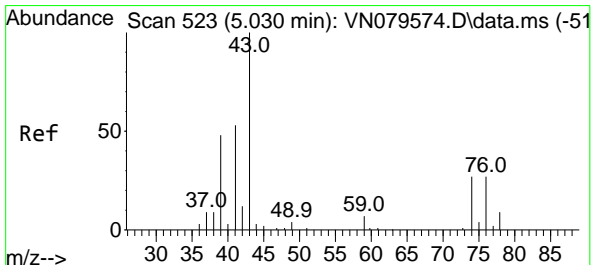
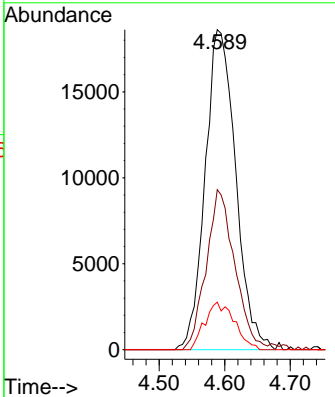
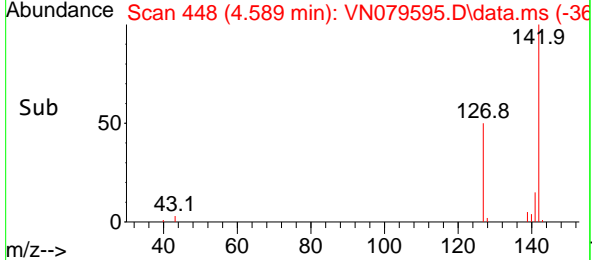
Instrument : MSVOA_N
 Client Sample Id : VSTDCCC020



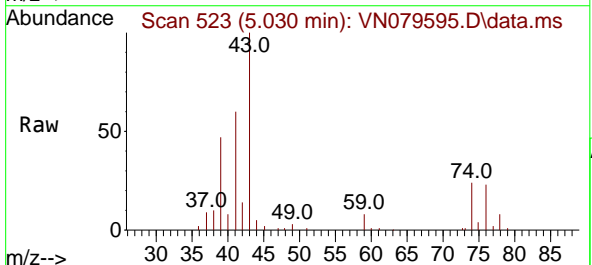
Tgt Ion: 142 Resp: 60180

Ion	Ratio	Lower	Upper
142	100		
127	49.3	24.6	73.8
141	14.8	7.7	23.1

Manual Integrations
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 Supervised By : Mahesh Dadoda 10/20/2023

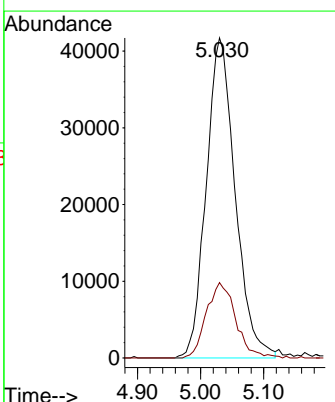
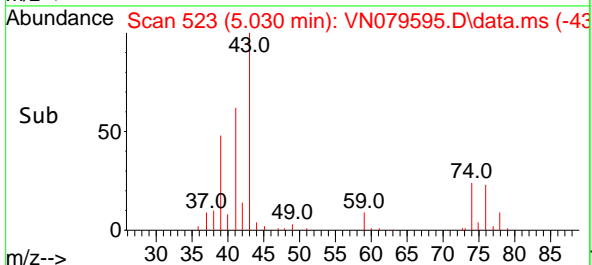


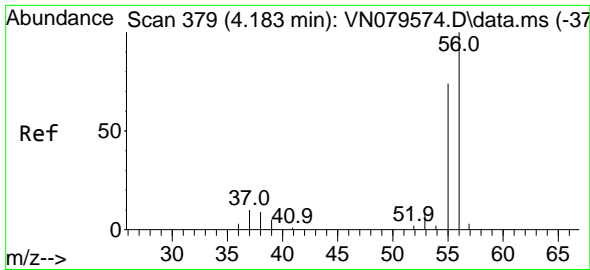
#12
 Methyl Acetate
 Concen: 20.682 ug/l
 RT: 5.030 min Scan# 523
 Delta R.T. 0.000 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47



Tgt Ion: 43 Resp: 132825

Ion	Ratio	Lower	Upper
43	100		
74	23.5	18.1	27.1





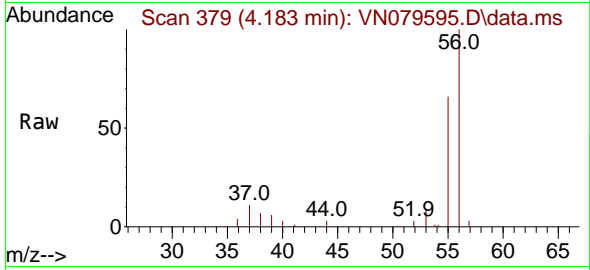
#13
 Acrolein
 Concen: 103.892 ug/l m
 RT: 4.183 min Scan# 379
 Delta R.T. 0.000 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020



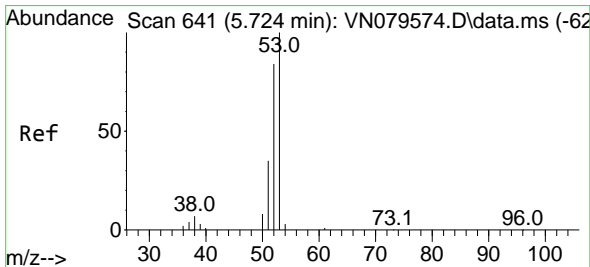
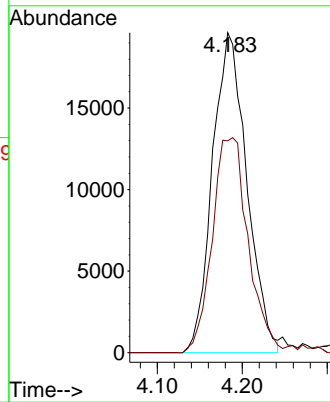
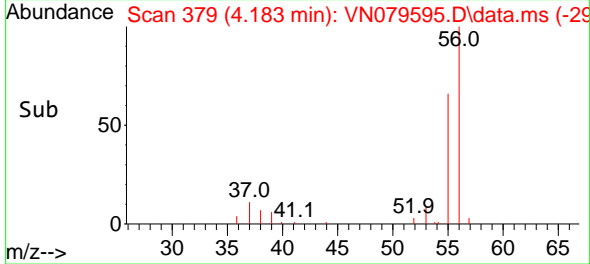
Tgt Ion: 56 Resp: 55156
 Ion Ratio Lower Upper
 56 100
 55 0.3 57.1 85.7

Manual Integrations

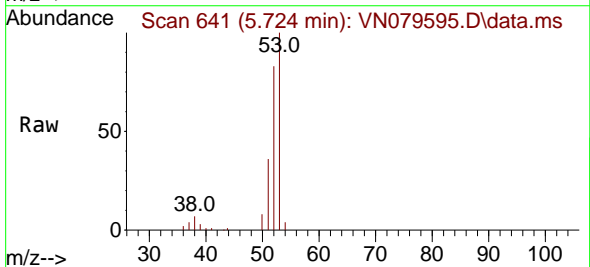
APPROVED

Reviewed By :John Carlone 10/19/2023

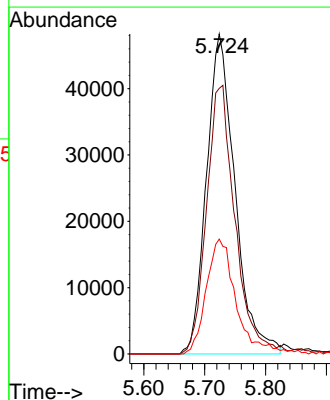
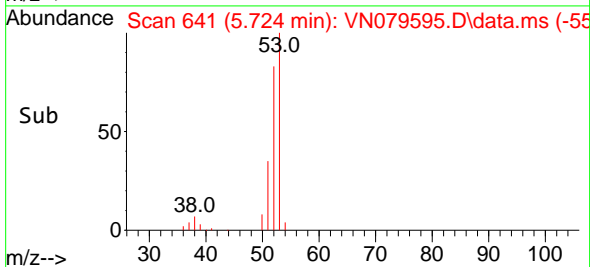
Supervised By :Mahesh Dadoda 10/20/2023

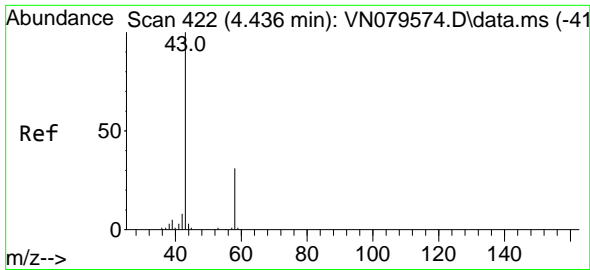


#14
 Acrylonitrile
 Concen: 101.936 ug/l
 RT: 5.724 min Scan# 641
 Delta R.T. 0.000 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47



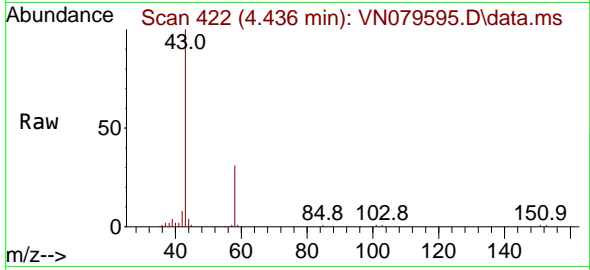
Tgt Ion: 53 Resp: 156779
 Ion Ratio Lower Upper
 53 100
 52 83.4 41.6 124.9
 51 34.8 17.8 53.3





#15
 Acetone
 Concen: 104.416 ug/l
 RT: 4.436 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47

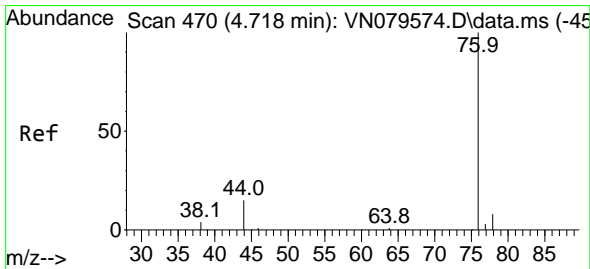
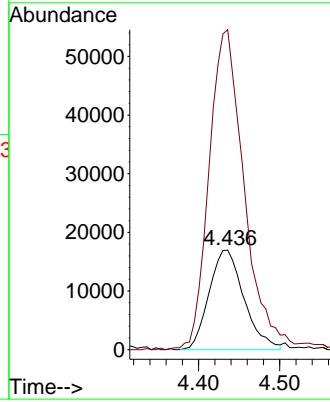
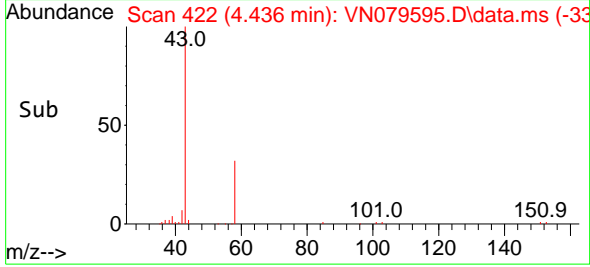
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020



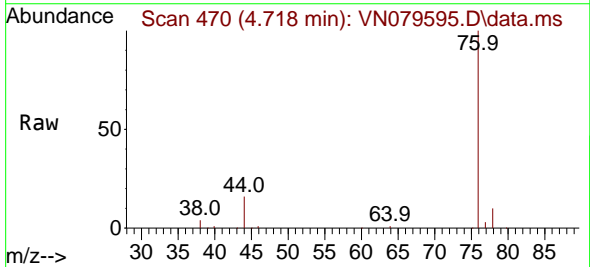
Tgt Ion: 58 Resp: 5087
 Ion Ratio Lower Upper
 58 100
 43 319.8 225.2 337.8

Manual Integrations
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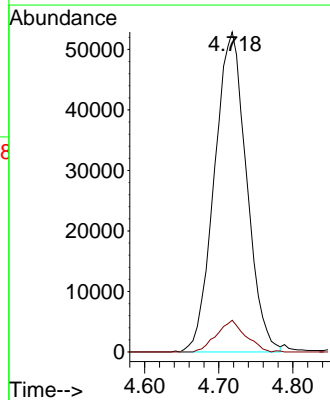
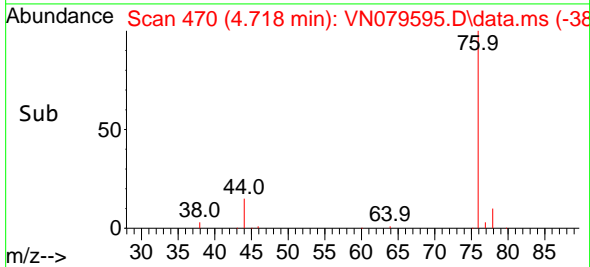
Reviewed By :John Carlone 10/19/2023
 Supervised By :Mahesh Dadoda 10/20/2023

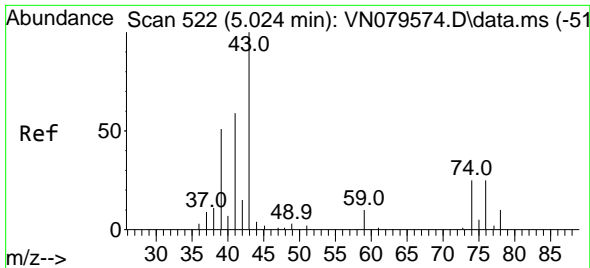


#16
 Carbon Disulfide
 Concen: 19.588 ug/l
 RT: 4.718 min Scan# 470
 Delta R.T. 0.000 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47



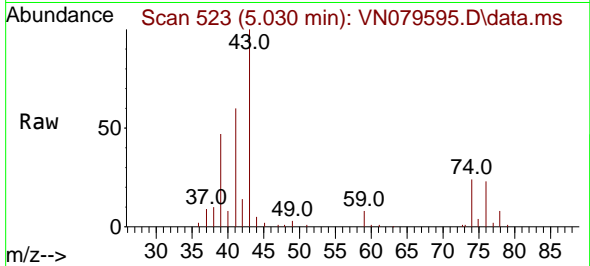
Tgt Ion: 76 Resp: 159128
 Ion Ratio Lower Upper
 76 100
 78 9.9 7.5 11.3





#17
 Allyl chloride
 Concen: 19.639 ug/l
 RT: 5.030 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47

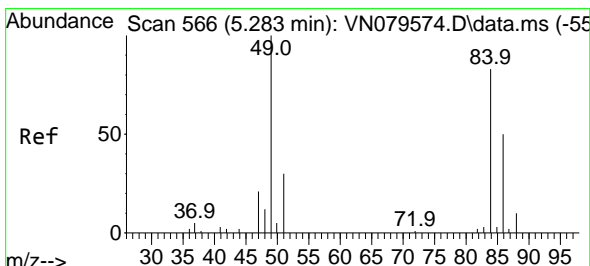
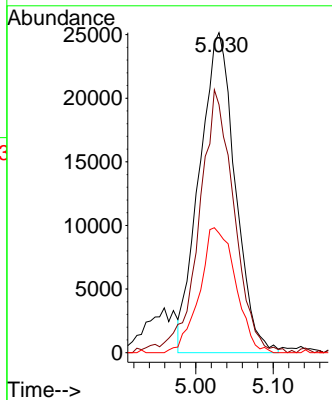
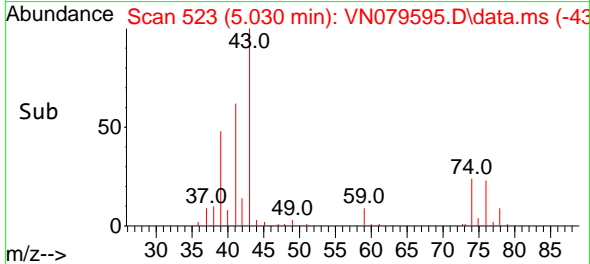
Instrument :
 MSVOA_N
 Client Sample Id :
 VSTDCCC020



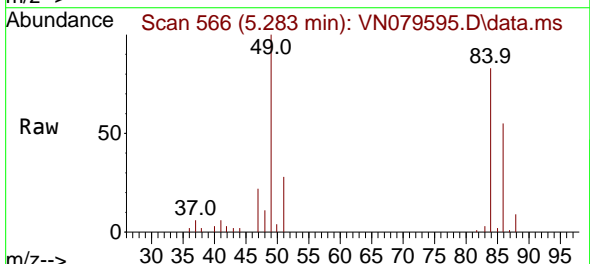
Tgt Ion: 41 Resp: 8066
 Ion Ratio Lower Upper
 41 100
 39 77.3 38.4 115.2
 76 37.8 19.5 58.5

Manual Integrations
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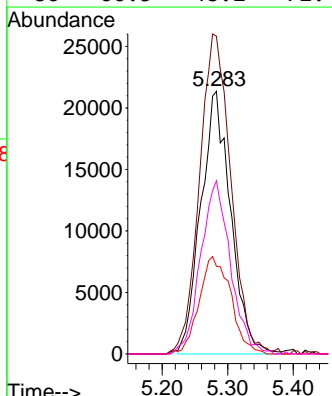
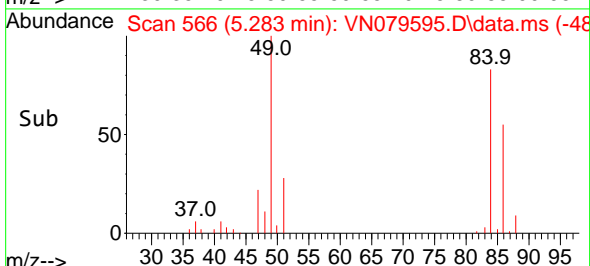
Reviewed By :John Carlone 10/19/2023
 Supervised By :Mahesh Dadoda 10/20/2023

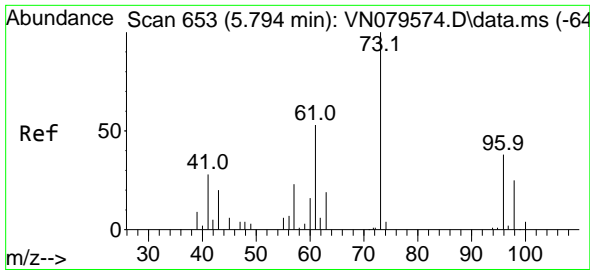


#18
 Methylene Chloride
 Concen: 20.585 ug/l
 RT: 5.283 min Scan# 566
 Delta R.T. 0.000 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47



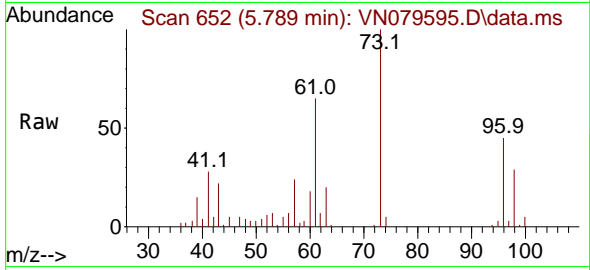
Tgt Ion: 84 Resp: 67501
 Ion Ratio Lower Upper
 84 100
 49 119.8 100.9 151.3
 51 33.7 29.4 44.2
 86 66.5 48.2 72.4





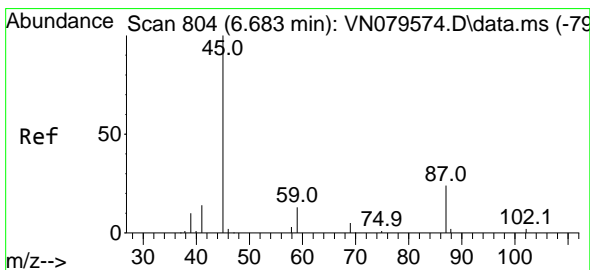
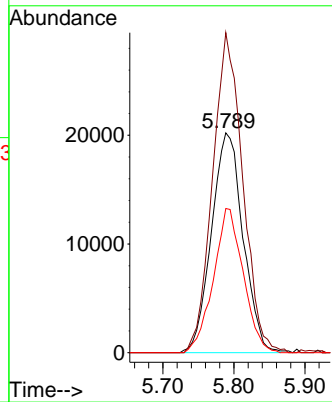
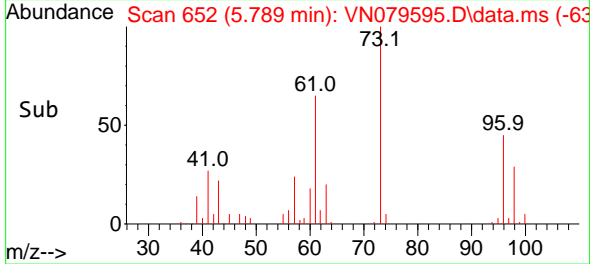
#19
 trans-1,2-Dichloroethene
 Concen: 20.943 ug/l
 RT: 5.789 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47

Instrument : MSVOA_N
 Client Sample Id : VSTDCCC020

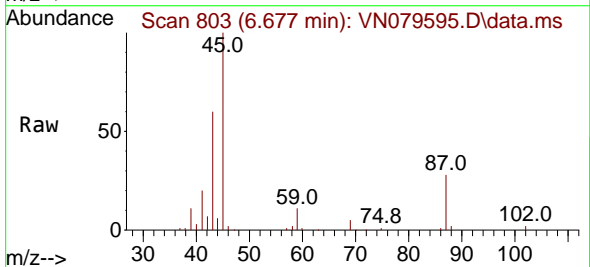


Tgt Ion: 96 Resp: 62420
 Ion Ratio Lower Upper
 96 100
 61 145.6 113.4 170.0
 98 65.6 50.4 75.6

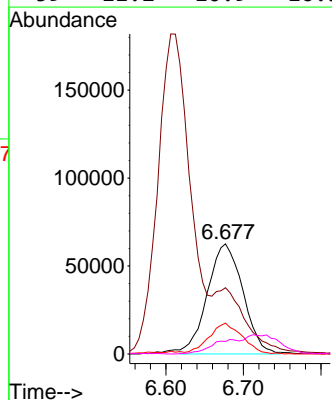
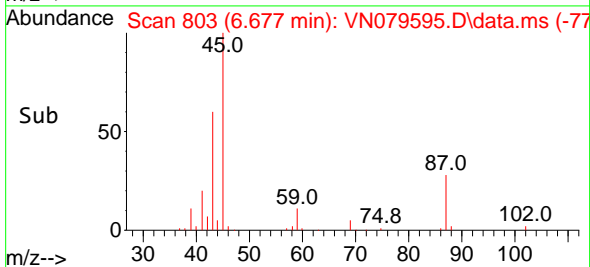
Manual Integrations
APPROVED
 Reviewed By : John Carlone 10/19/2023
 Supervised By : Mahesh Dadoda 10/20/2023

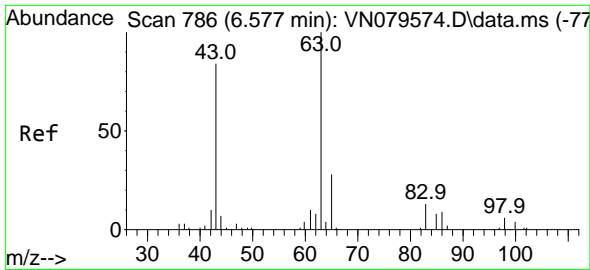


#20
 Diisopropyl ether
 Concen: 20.439 ug/l
 RT: 6.677 min Scan# 803
 Delta R.T. -0.006 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47



Tgt Ion: 45 Resp: 199062
 Ion Ratio Lower Upper
 45 100
 43 56.2 42.1 63.1
 87 28.0 20.5 30.7
 59 11.2 10.9 16.3





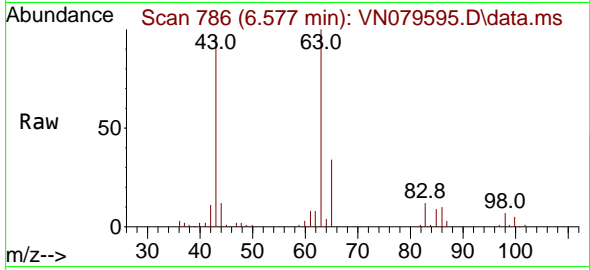
#21
 1,1-Dichloroethane
 Concen: 20.565 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.000 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47

Instrument :

MSVOA_N

Client Sample Id :

VSTDCCC020



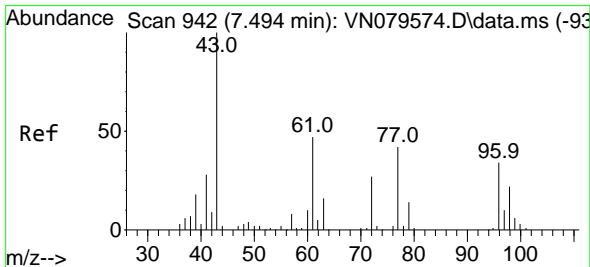
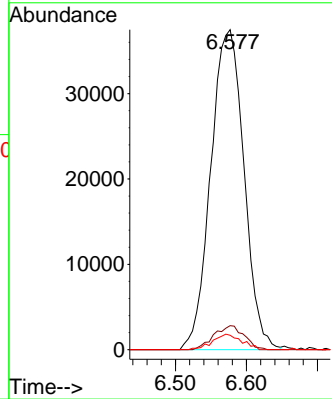
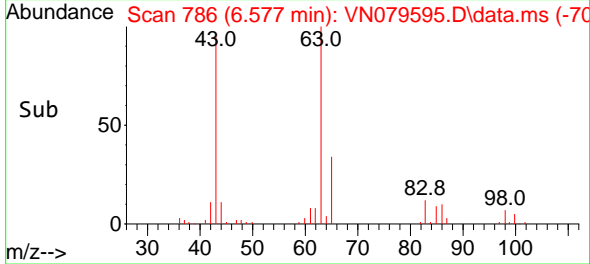
Tgt Ion: 63 Resp: 121709
 Ion Ratio Lower Upper
 63 100
 98 7.5 2.8 8.4
 100 4.5 1.9 5.7

Manual Integrations

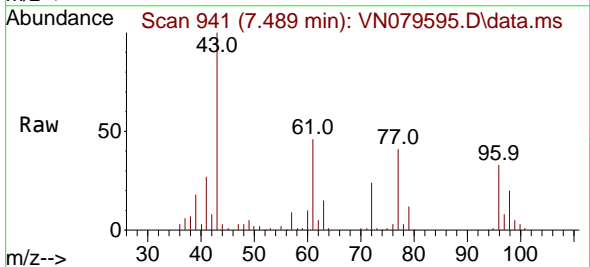
APPROVED

Reviewed By :John Carlone 10/19/2023

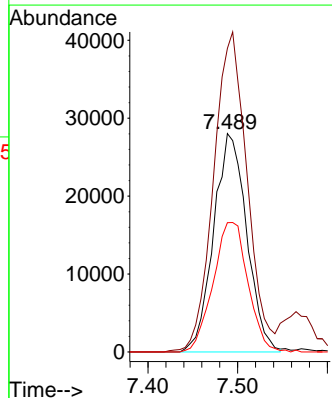
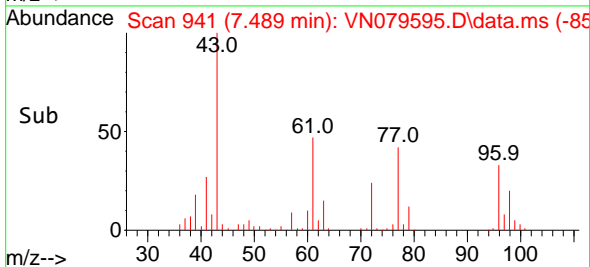
Supervised By :Mahesh Dadoda 10/20/2023

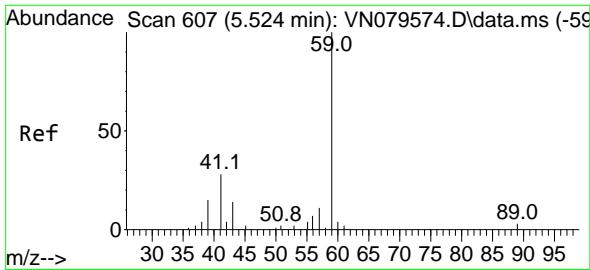


#22
 cis-1,2-Dichloroethene
 Concen: 20.896 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47



Tgt Ion: 96 Resp: 71734
 Ion Ratio Lower Upper
 96 100
 61 148.3 124.6 186.8
 98 62.3 54.2 81.4





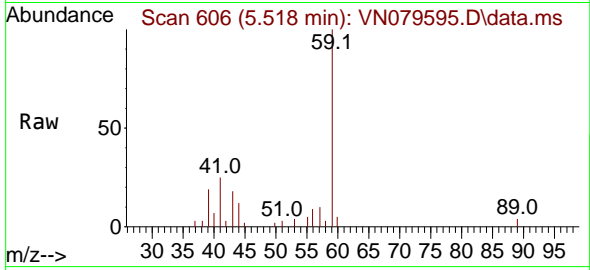
#23
 tert-Butyl Alcohol
 Concen: 89.502 ug/l
 RT: 5.518 min Scan# 606
 Delta R.T. -0.006 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47

Instrument :

MSVOA_N

Client Sample Id :

VSTDCCC020



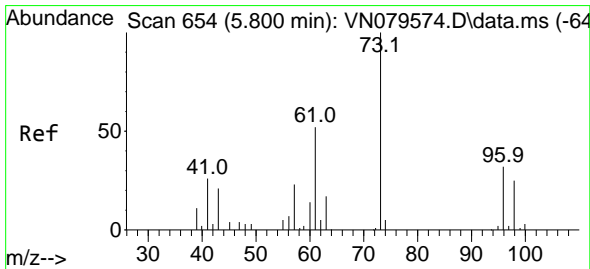
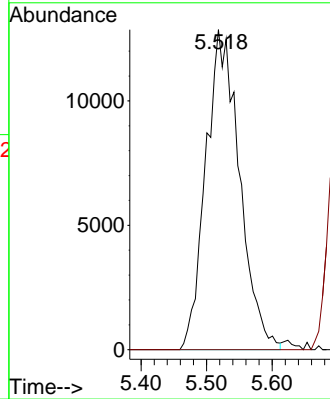
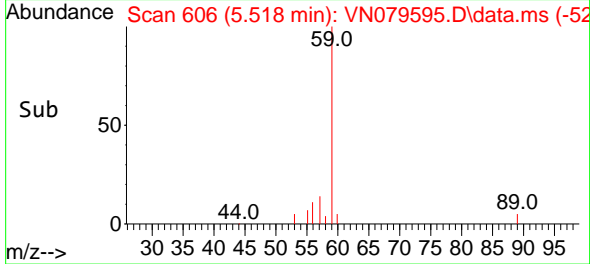
Tgt Ion: 59 Resp: 4603
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0

Manual Integrations

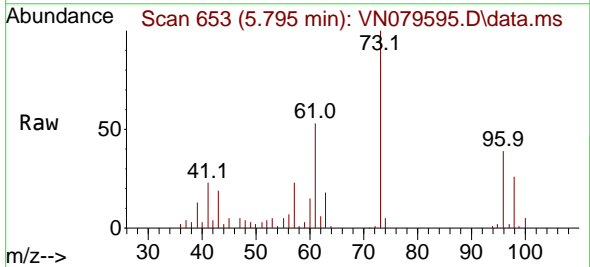
APPROVED

Reviewed By :John Carlone 10/19/2023

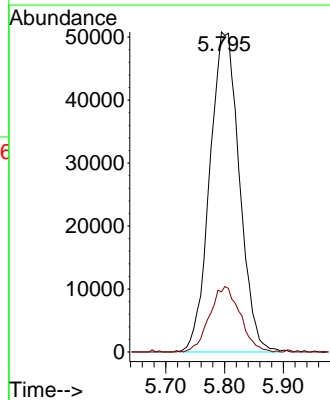
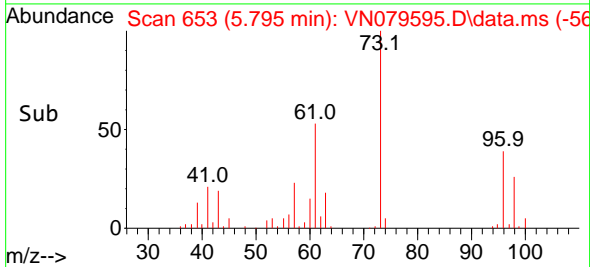
Supervised By :Mahesh Dadoda 10/20/2023

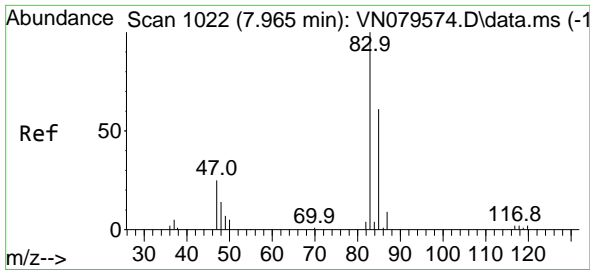


#24
 Methyl tert-Butyl Ether
 Concen: 19.916 ug/l
 RT: 5.795 min Scan# 653
 Delta R.T. -0.006 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47



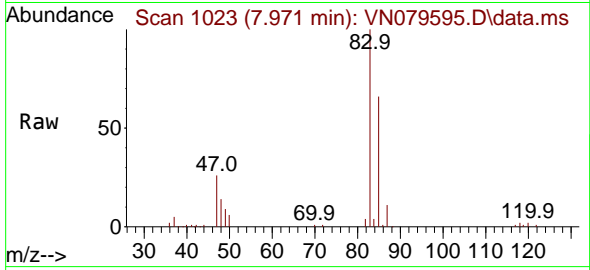
Tgt Ion: 73 Resp: 178028
 Ion Ratio Lower Upper
 73 100
 43 21.1 16.6 24.8





#25
 Chloroform
 Concen: 21.173 ug/l
 RT: 7.971 min Scan# 1023
 Delta R.T. 0.006 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47

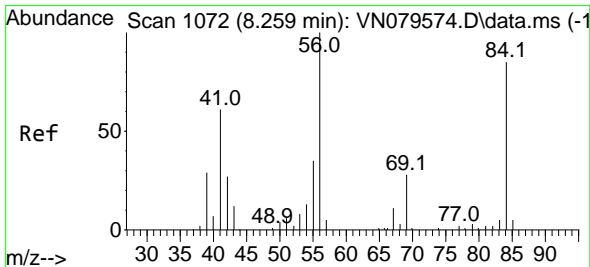
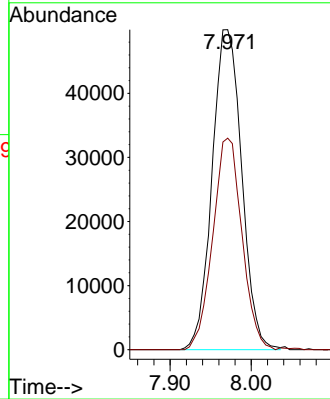
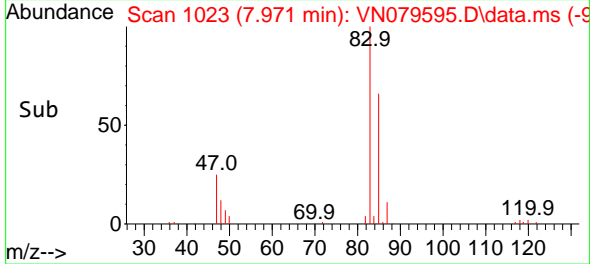
Instrument : MSVOA_N
 Client Sample Id : VSTDCCC020



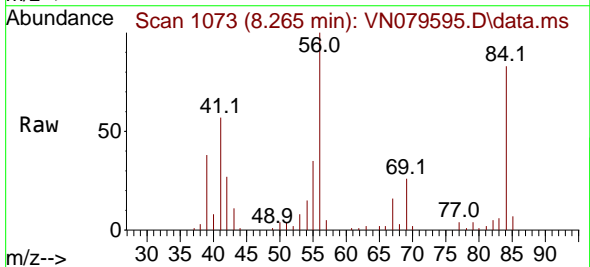
Tgt Ion: 83 Resp: 126614
 Ion Ratio Lower Upper
 83 100
 85 66.1 47.4 71.2

Manual Integrations
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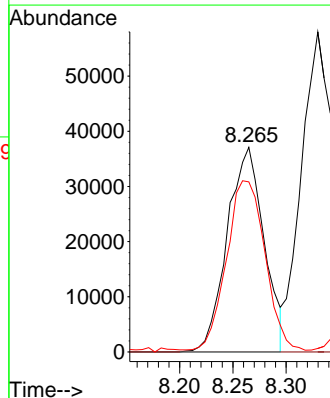
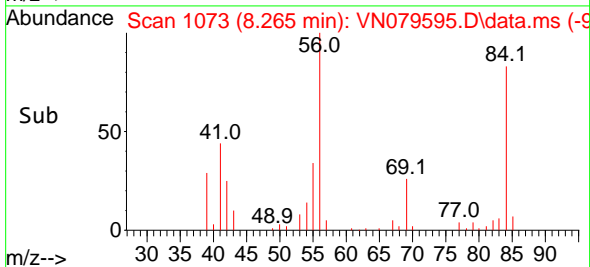
Reviewed By :John Carlone 10/19/2023
 Supervised By :Mahesh Dadoda 10/20/2023

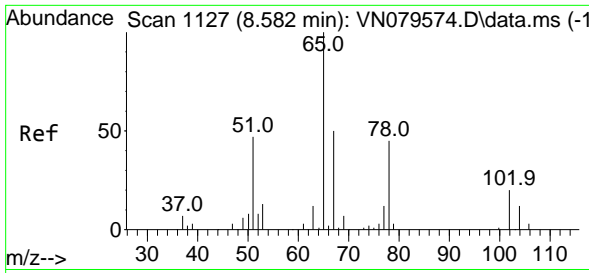


#26
 Cyclohexane
 Concen: 19.961 ug/l
 RT: 8.265 min Scan# 1073
 Delta R.T. 0.006 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47



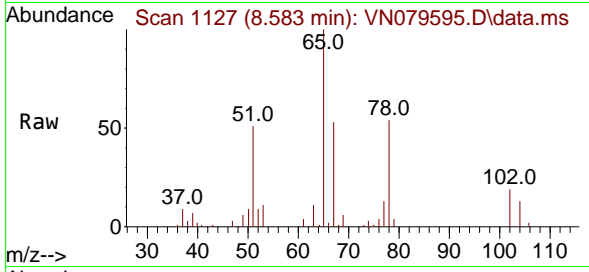
Tgt Ion: 56 Resp: 89303
 Ion Ratio Lower Upper
 56 100
 89 0.0 0.0 0.0
 84 88.4 69.0 103.4





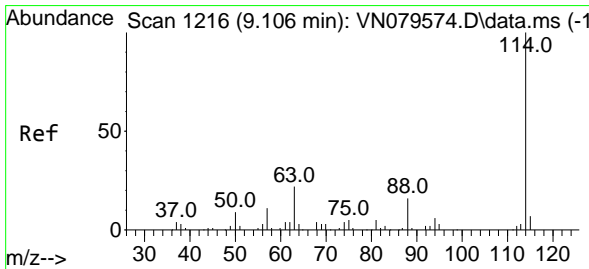
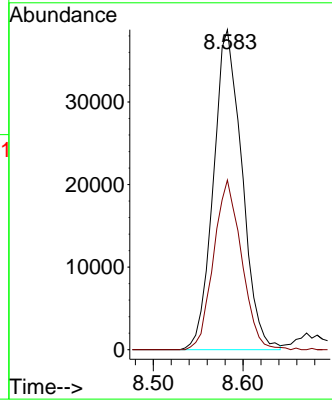
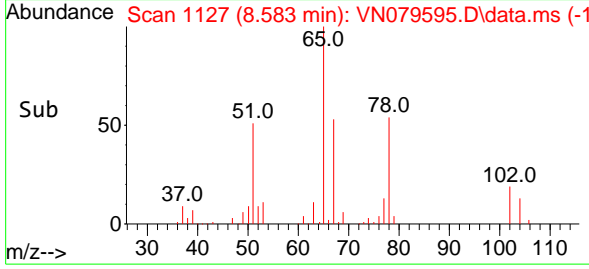
#27
 1,2-Dichloroethane-d4
 Concen: 30.469 ug/l
 RT: 8.583 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47

Instrument : MSVOA_N
 ClientSampleId : VSTDCCC020

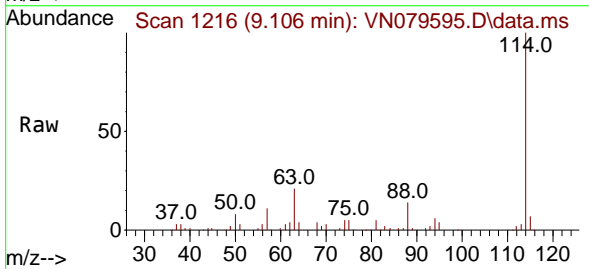


Tgt Ion: 65 Resp: 8565
 Ion Ratio Lower Upper
 65 100
 67 52.0 42.1 63.1

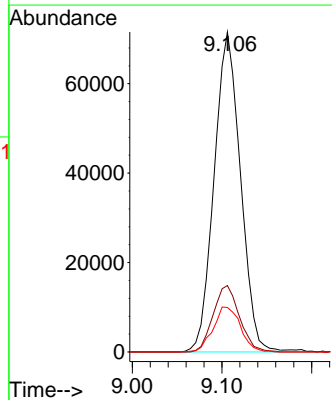
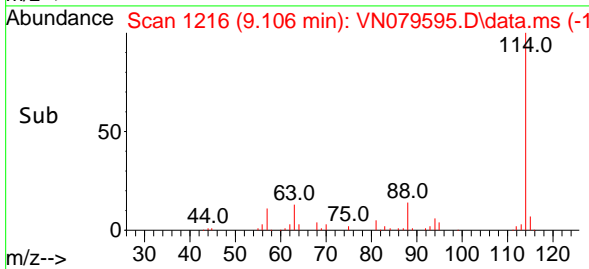
Manual Integrations
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 Reviewed By :John Carlone 10/19/2023
 Supervised By :Mahesh Dadoda 10/20/2023

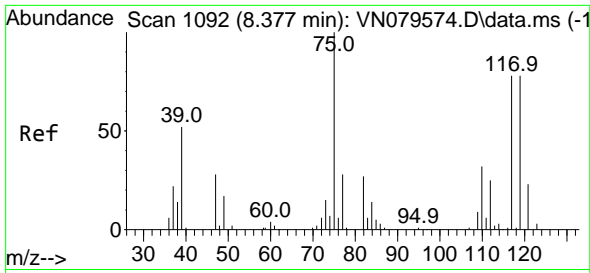


#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. 0.000 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47



Tgt Ion:114 Resp: 145700
 Ion Ratio Lower Upper
 114 100
 63 20.7 18.1 27.1
 88 14.6 12.2 18.2





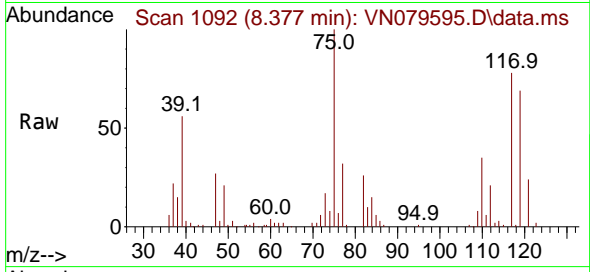
#29
 1,1-Dichloropropene
 Concen: 21.331 ug/l
 RT: 8.377 min Scan# 1092
 Delta R.T. 0.000 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020



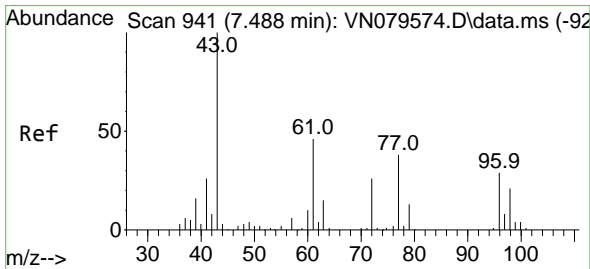
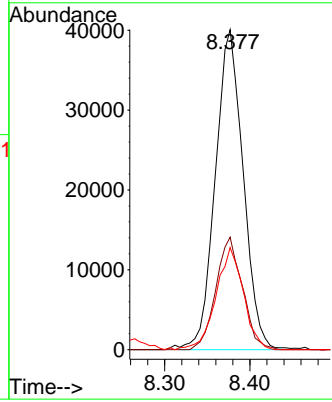
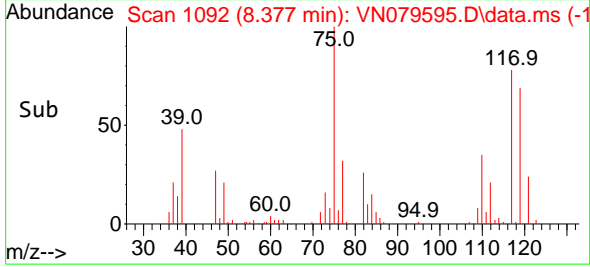
Tgt Ion: 75 Resp: 9082
 Ion Ratio Lower Upper
 75 100
 110 33.6 0.0 66.8
 77 31.4 0.0 61.2

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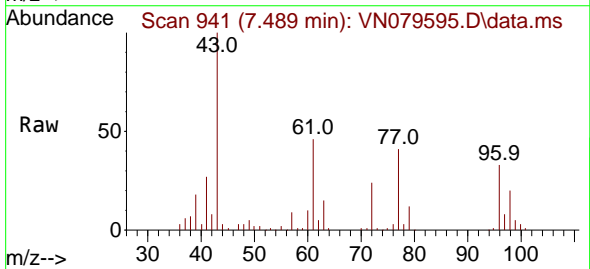
APPROVED

Reviewed By :John Carlone 10/19/2023

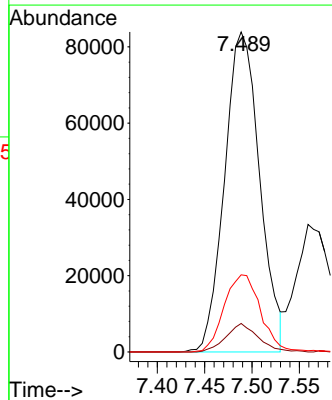
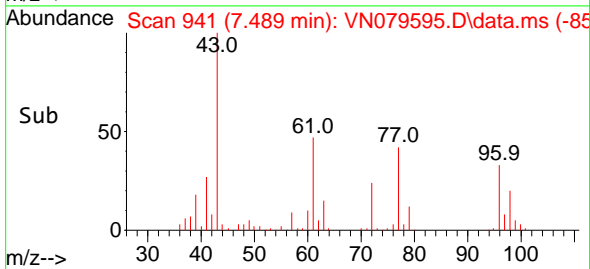
Supervised By :Mahesh Dadoda 10/20/2023

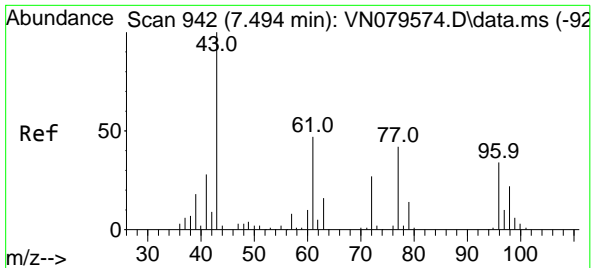


#30
 2-Butanone
 Concen: 101.526 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47



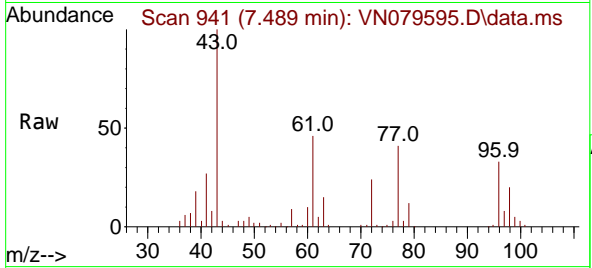
Tgt Ion: 43 Resp: 216687
 Ion Ratio Lower Upper
 43 100
 57 8.1 6.4 9.6
 72 25.2 20.7 31.1





#31
 2,2-Dichloropropane
 Concen: 20.177 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47

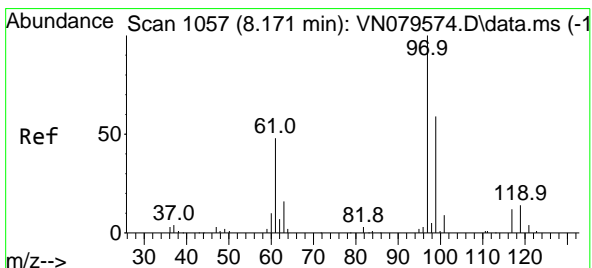
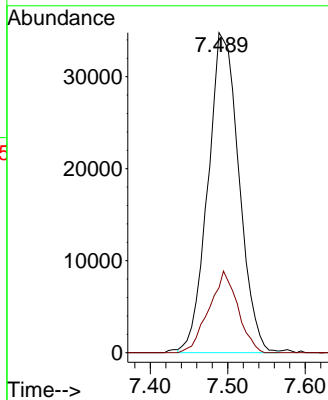
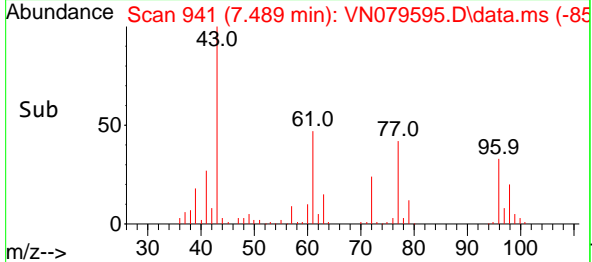
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020



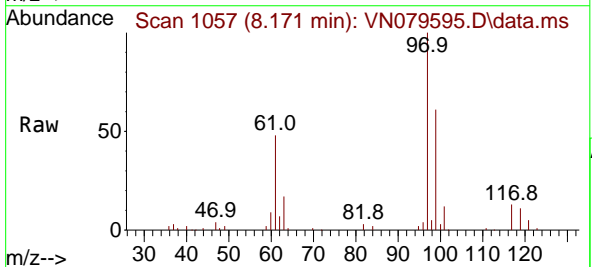
Tgt Ion: 77 Resp: 9686
 Ion Ratio Lower Upper
 77 100
 97 23.6 17.9 26.9

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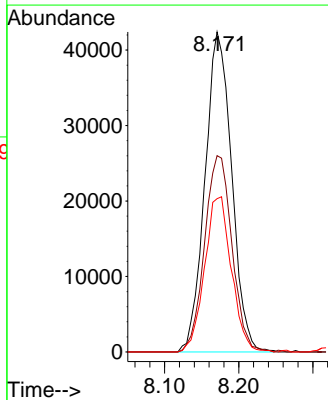
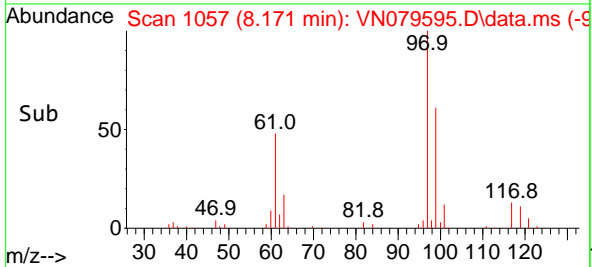
Reviewed By :John Carlone 10/19/2023
 Supervised By :Mahesh Dadoda 10/20/2023

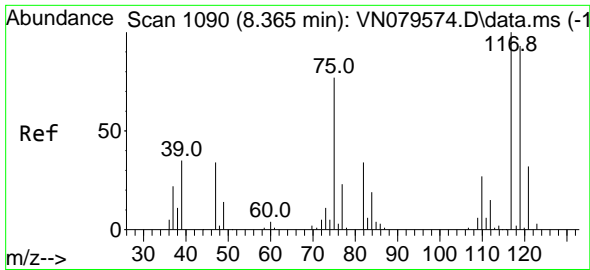


#32
 1,1,1-Trichloroethane
 Concen: 20.996 ug/l
 RT: 8.171 min Scan# 1057
 Delta R.T. 0.000 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47



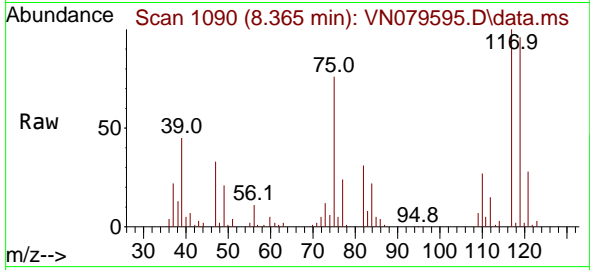
Tgt Ion: 97 Resp: 106258
 Ion Ratio Lower Upper
 97 100
 99 62.9 51.9 77.9
 61 48.6 37.6 56.4





#33
 Carbon Tetrachloride
 Concen: 21.501 ug/l
 RT: 8.365 min Scan# 1090
 Delta R.T. 0.000 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47

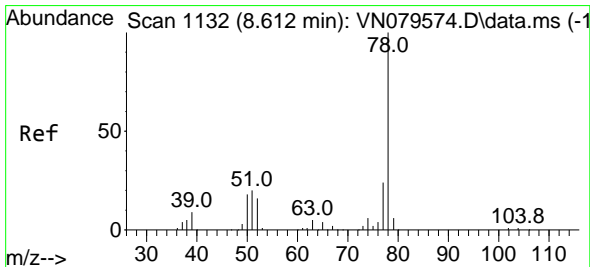
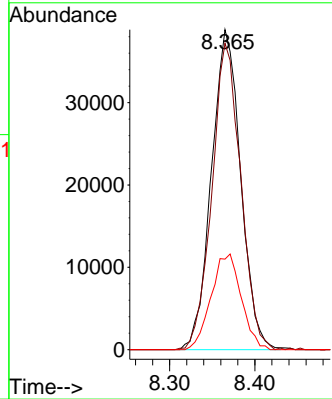
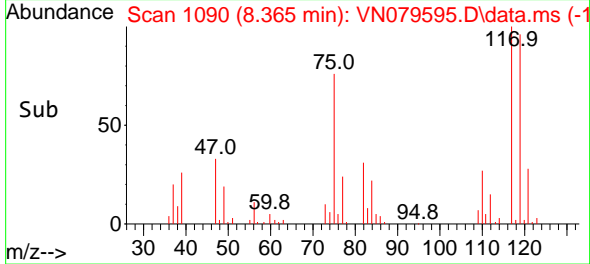
Instrument : MSVOA_N
 Client Sample Id : VSTDCCC020



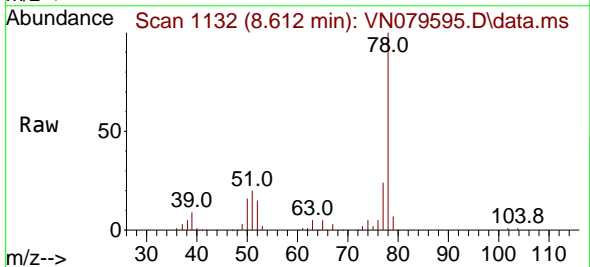
Tgt Ion: 117 Resp: 9254
 Ion Ratio Lower Upper
 117 100
 119 95.3 75.0 112.6
 121 28.3 24.3 36.5

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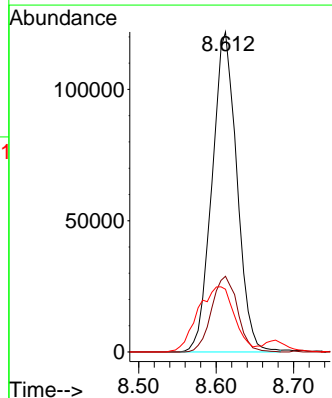
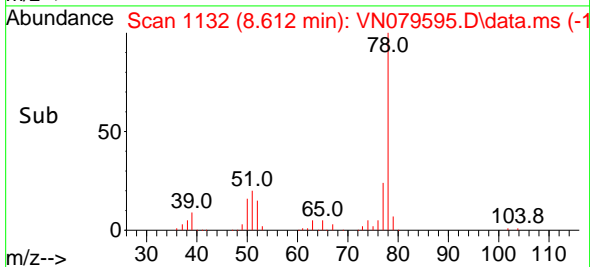
Reviewed By : John Carlone 10/19/2023
 Supervised By : Mahesh Dadoda 10/20/2023

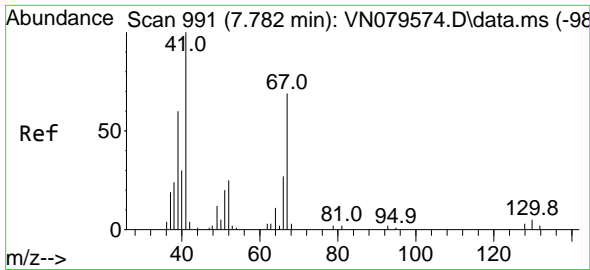


#34
 Benzene
 Concen: 21.006 ug/l
 RT: 8.612 min Scan# 1132
 Delta R.T. 0.000 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47



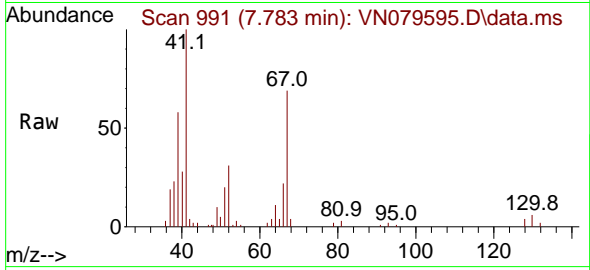
Tgt Ion: 78 Resp: 271745
 Ion Ratio Lower Upper
 78 100
 77 23.6 19.7 29.5
 51 17.9 15.8 23.6





#35
 Methacrylonitrile
 Concen: 20.271 ug/l
 RT: 7.783 min Scan# 991
 Delta R.T. 0.000 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

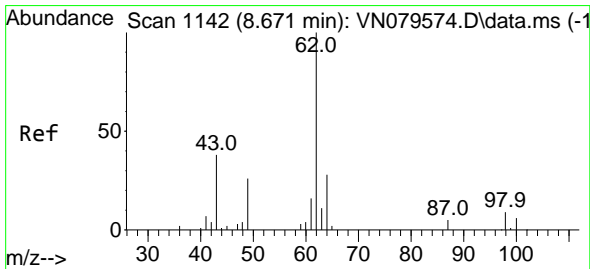
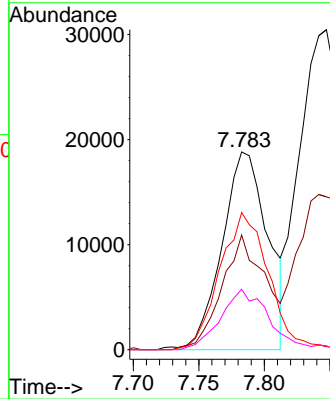
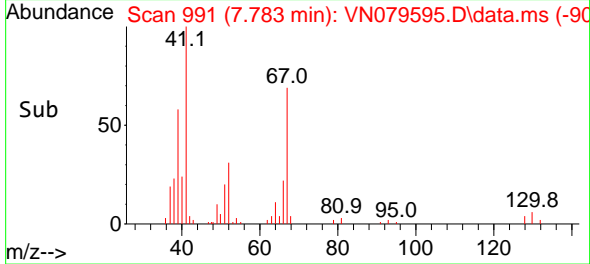


Tgt Ion: 41 Resp: 4551

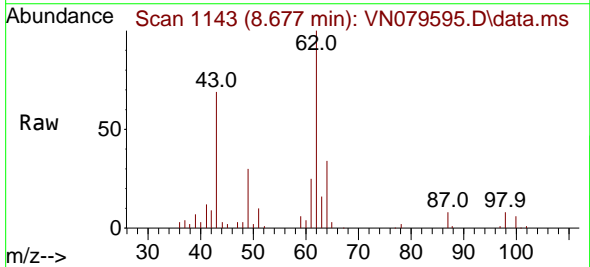
Ion	Ratio	Lower	Upper
41	100		
39	57.1	26.3	78.8
67	68.9	37.5	112.3
52	30.9	14.4	43.4

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Reviewed By :John Carlone 10/19/2023
 Supervised By :Mahesh Dadoda 10/20/2023

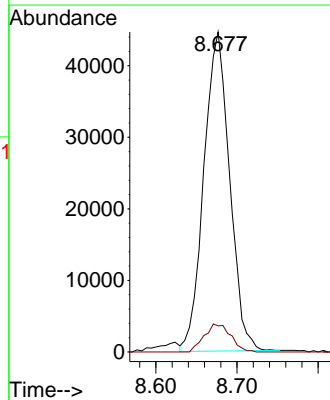
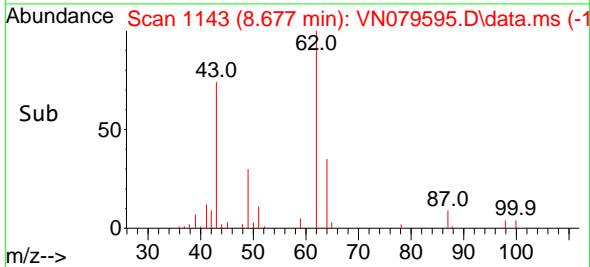


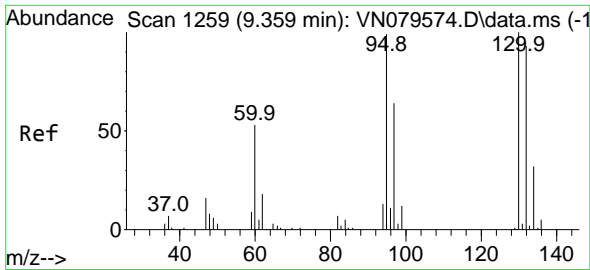
#36
 1,2-Dichloroethane
 Concen: 21.279 ug/l
 RT: 8.677 min Scan# 1143
 Delta R.T. 0.006 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47



Tgt Ion: 62 Resp: 98286

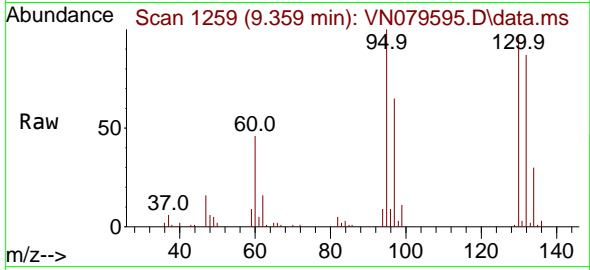
Ion	Ratio	Lower	Upper
62	100		
98	9.0	7.2	10.8





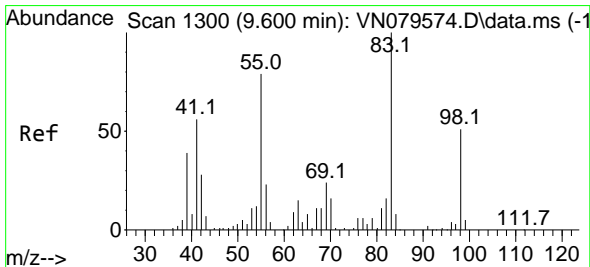
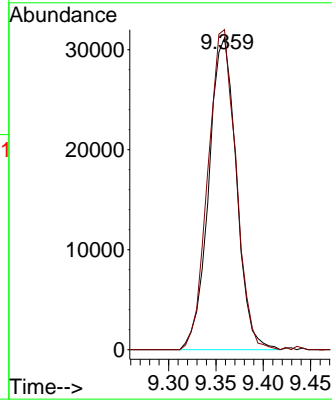
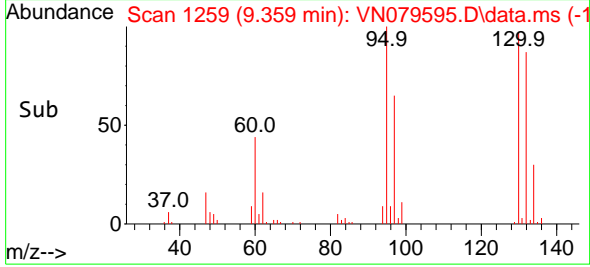
#37
 Trichloroethene
 Concen: 20.876 ug/l
 RT: 9.359 min Scan# 1101
 Delta R.T. 0.000 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47

Instrument : MSVOA_N
 ClientSampleId : VSTDCCC020

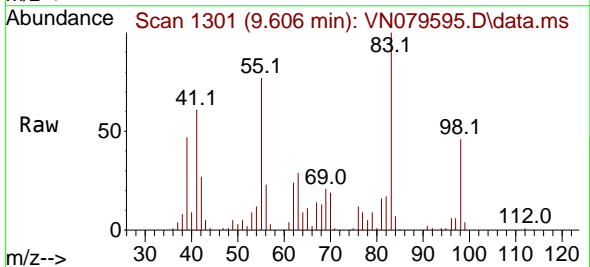


Tgt Ion:130 Resp: 63120
 Ion Ratio Lower Upper
 130 100
 95 102.6 81.2 121.8

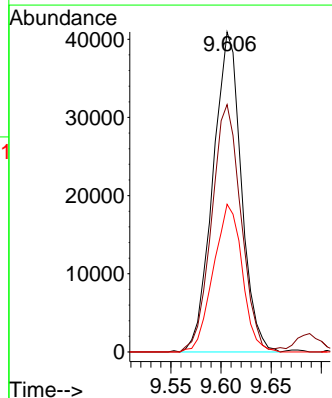
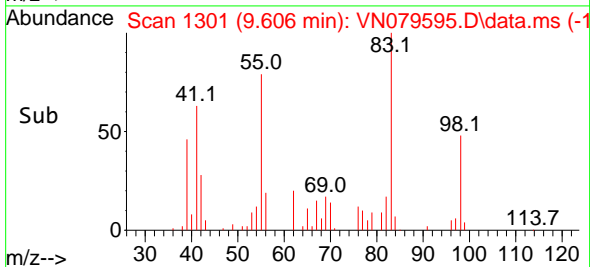
Manual Integrations
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 Reviewed By :John Carlone 10/19/2023
 Supervised By :Mahesh Dadoda 10/20/2023

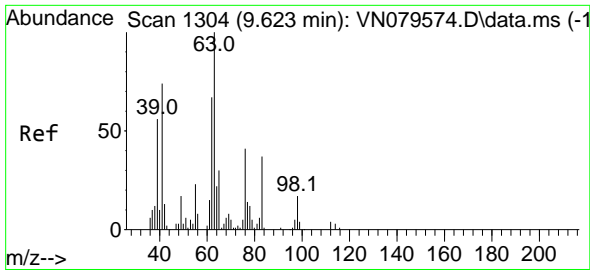


#38
 Methylcyclohexane
 Concen: 19.602 ug/l
 RT: 9.606 min Scan# 1301
 Delta R.T. 0.006 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47



Tgt Ion: 83 Resp: 80357
 Ion Ratio Lower Upper
 83 100
 55 80.0 39.7 119.1
 98 47.1 24.4 73.2





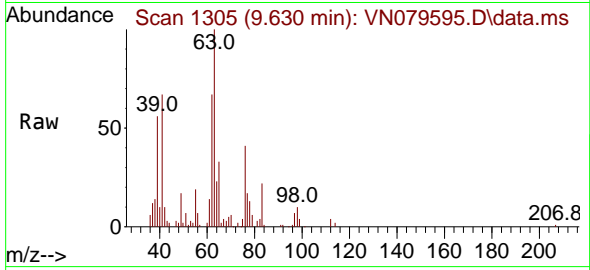
#39
 1,2-Dichloropropane
 Concen: 21.039 ug/l
 RT: 9.630 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC020



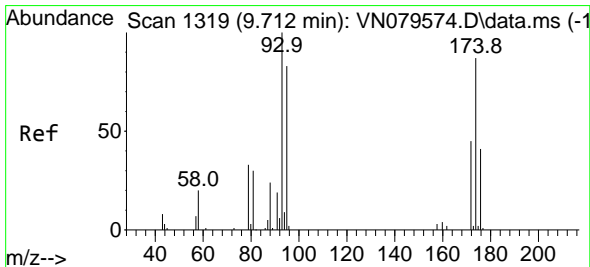
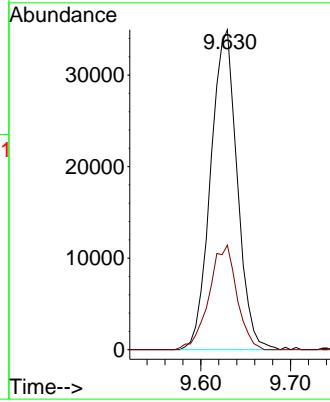
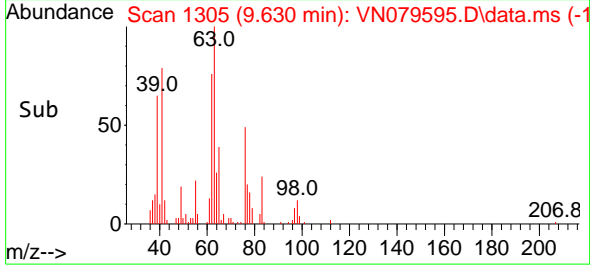
Tgt Ion: 63 Resp: 7182
 Ion Ratio Lower Upper
 63 100
 65 32.7 25.3 37.9

Manual Integrations

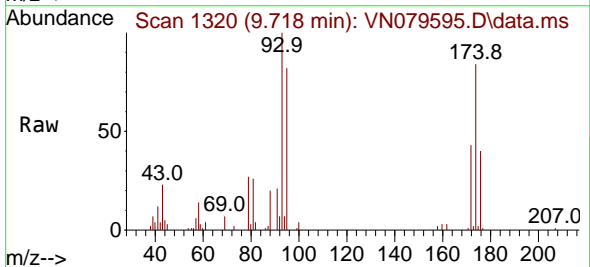
APPROVED

Reviewed By :John Carlone 10/19/2023

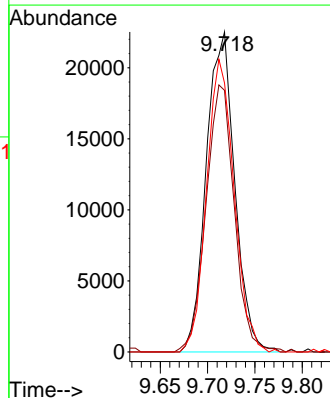
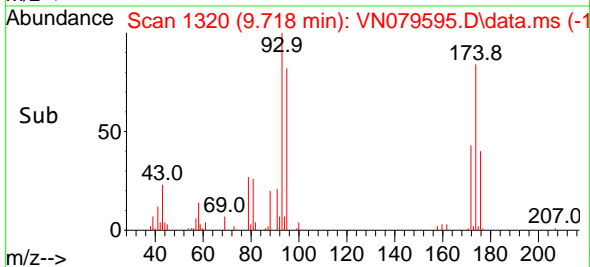
Supervised By :Mahesh Dadoda 10/20/2023

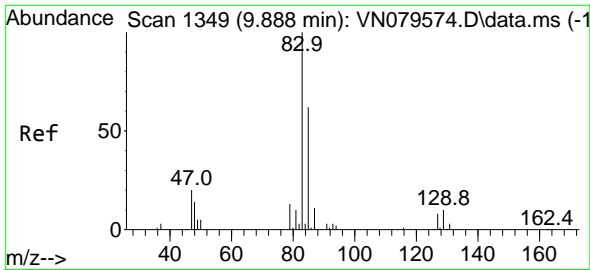


#40
 Dibromomethane
 Concen: 21.008 ug/l
 RT: 9.718 min Scan# 1320
 Delta R.T. 0.006 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47



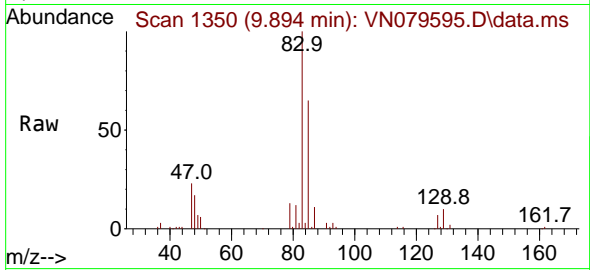
Tgt Ion: 93 Resp: 47067
 Ion Ratio Lower Upper
 93 100
 95 82.9 0.0 166.6
 174 88.5 0.0 171.0





#41
 Bromodichloromethane
 Concen: 20.892 ug/l
 RT: 9.894 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47

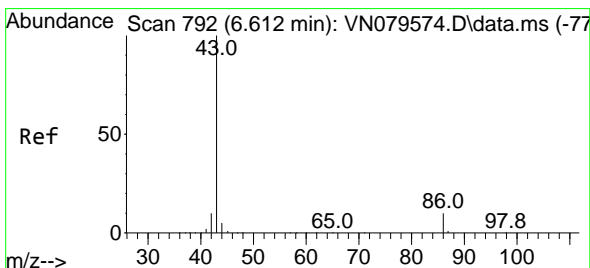
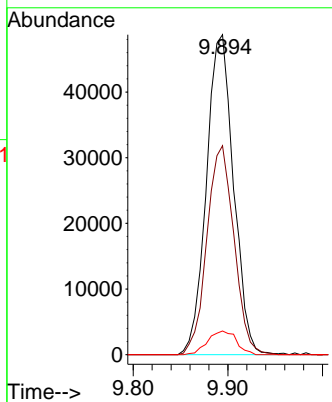
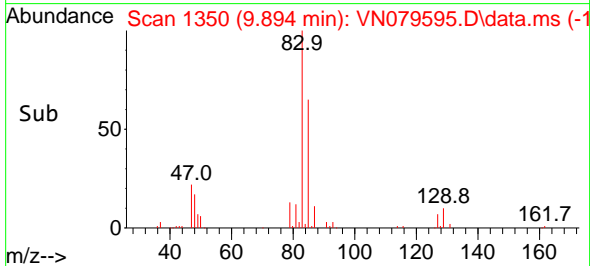
Instrument : MSVOA_N
 Client Sample Id : VSTDCCC020



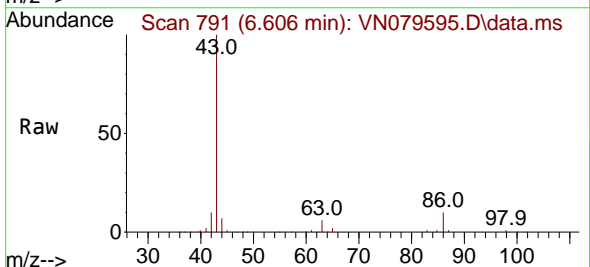
Tgt Ion: 83 Resp: 9700
 Ion Ratio Lower Upper
 83 100
 85 65.3 50.3 75.5
 127 7.4 6.8 10.2

Manual Integrations
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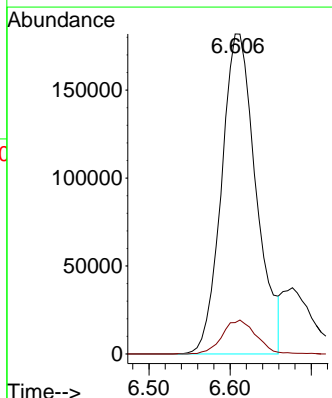
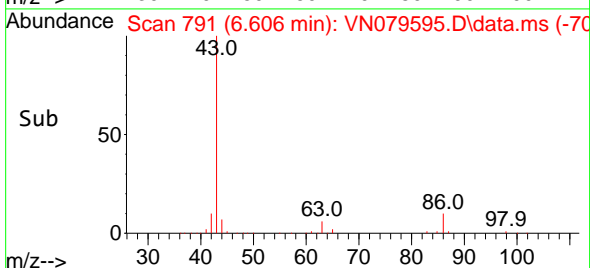
Reviewed By :John Carlone 10/19/2023
 Supervised By :Mahesh Dadoda 10/20/2023

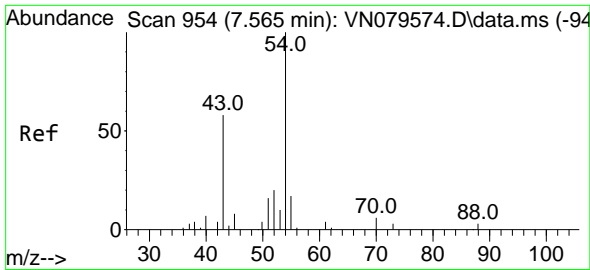


#42
 Vinyl Acetate
 Concen: 99.501 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47



Tgt Ion: 43 Resp: 538710
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.2 12.2





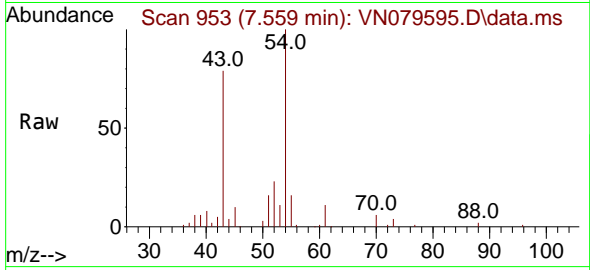
#43
 Ethyl Acetate
 Concen: 22.623 ug/l
 RT: 7.559 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020



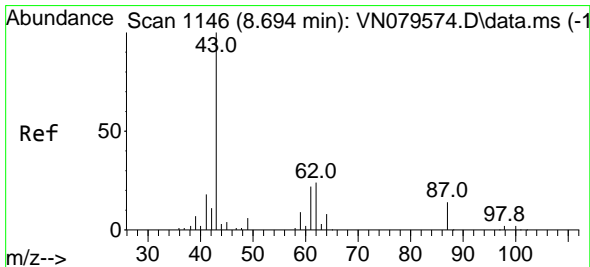
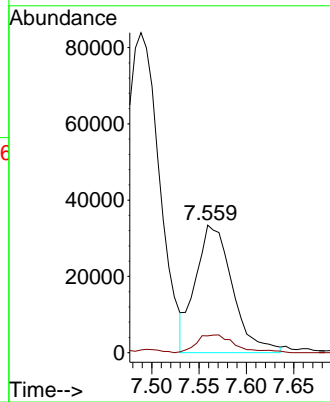
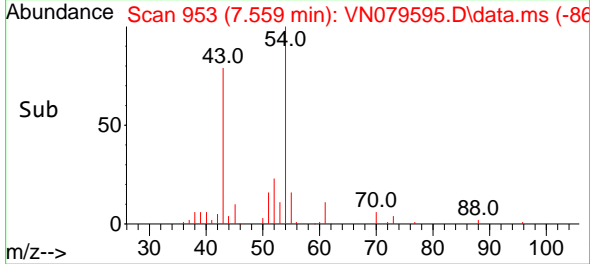
Tgt Ion: 43 Resp: 90794
 Ion Ratio Lower Upper
 43 100
 45 5.3 11.8 17.8

Manual Integrations

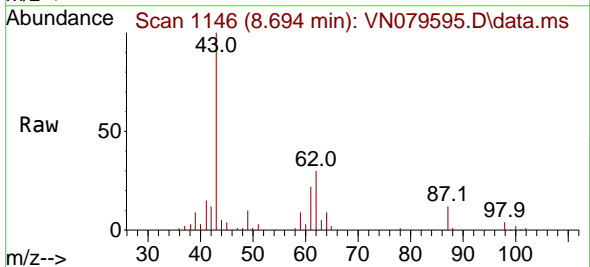
APPROVED

Reviewed By :John Carlone 10/19/2023

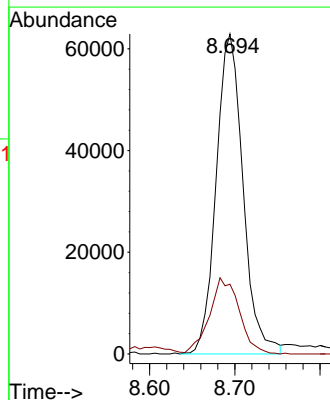
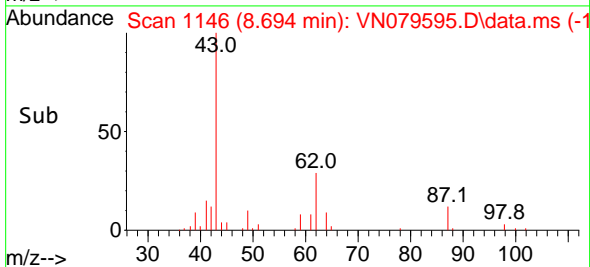
Supervised By :Mahesh Dadoda 10/20/2023

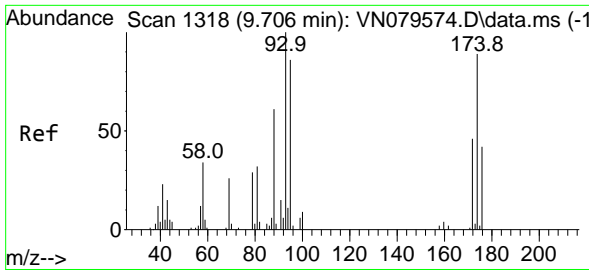


#44
 Isopropyl Acetate
 Concen: 19.294 ug/l
 RT: 8.694 min Scan# 1146
 Delta R.T. 0.000 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47



Tgt Ion: 43 Resp: 137651
 Ion Ratio Lower Upper
 43 100
 61 26.5 20.3 30.5





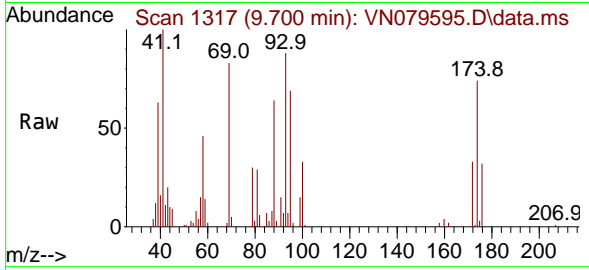
#45
 1,4-Dioxane
 Concen: 413.304 ug/l
 RT: 9.700 min Scan# 1317
 Delta R.T. -0.006 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

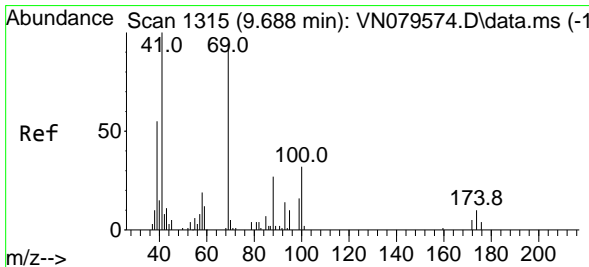
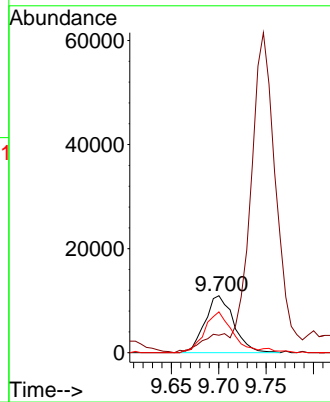
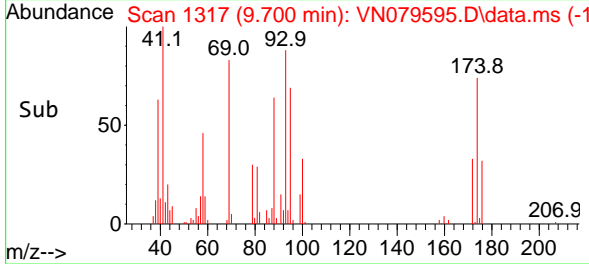


Tgt Ion: 88 Resp: 2308
 Ion Ratio Lower Upper
 88 100
 43 32.9 28.7 43.1
 58 68.9 56.9 85.3

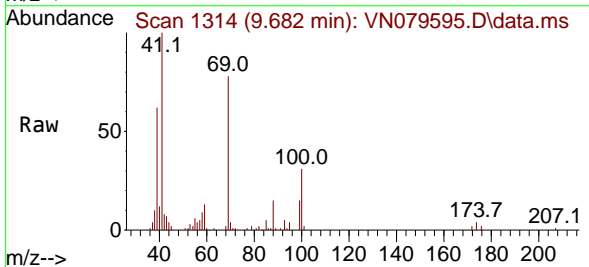
Manual Integrations

APPROVED

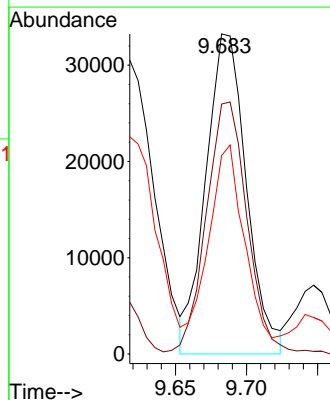
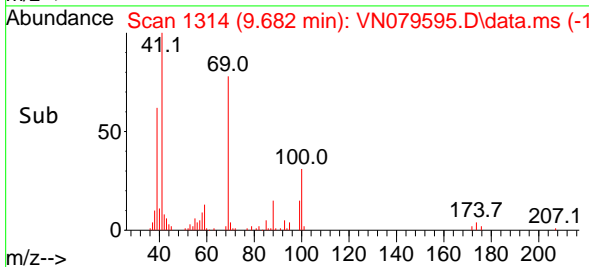
Reviewed By :John Carlone 10/19/2023
 Supervised By :Mahesh Dadoda 10/20/2023

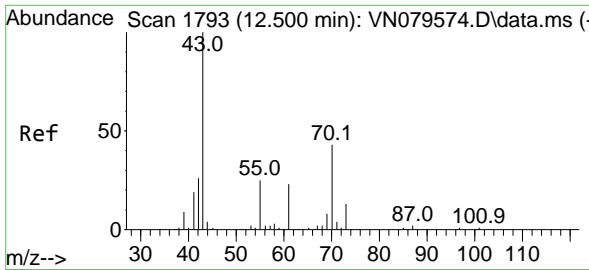


#46
 Methyl methacrylate
 Concen: 20.891 ug/l
 RT: 9.682 min Scan# 1314
 Delta R.T. -0.006 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47



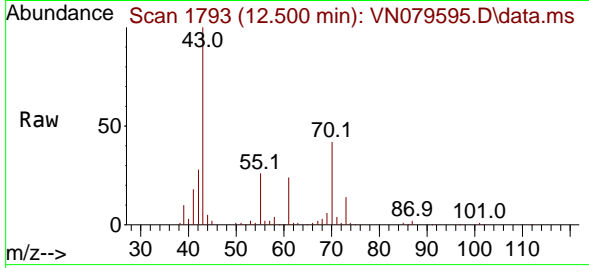
Tgt Ion: 41 Resp: 66120
 Ion Ratio Lower Upper
 41 100
 69 81.3 40.0 119.9
 39 60.8 31.1 93.3





#47
 n-amy1 Acetate
 Concen: 19.687 ug/l
 RT: 12.500 min Scan# 1793
 Delta R.T. 0.000 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47

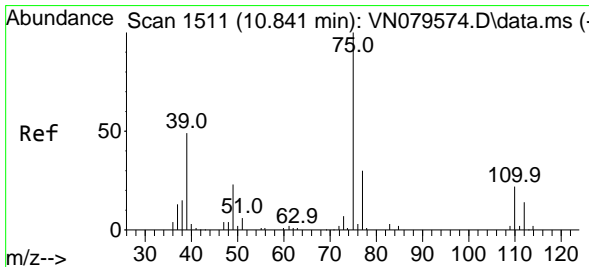
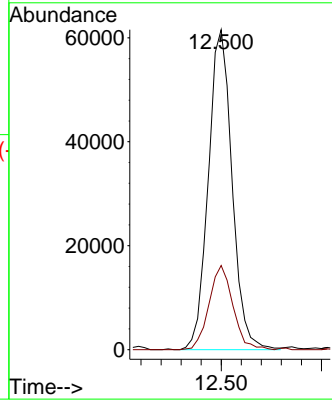
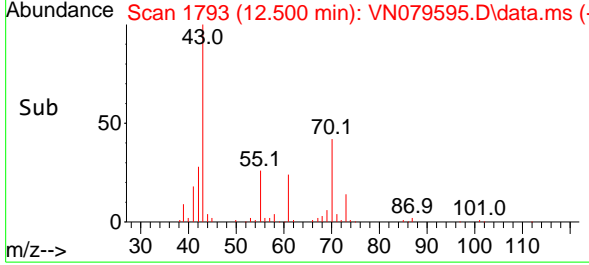
Instrument : MSVOA_N
 ClientSampleId : VSTDCCC020



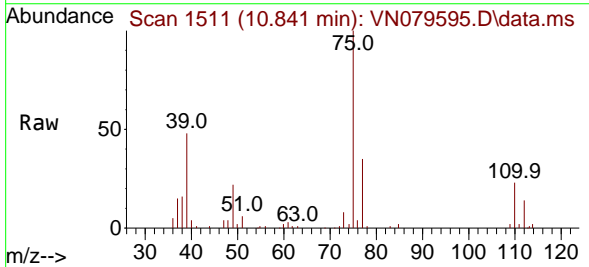
Tgt Ion: 43 Resp: 101368
 Ion Ratio Lower Upper
 43 100
 55 26.4 20.7 31.1

Manual Integrations
APPROVED

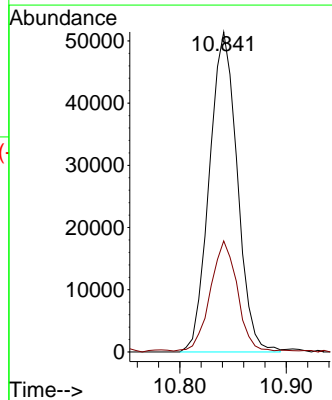
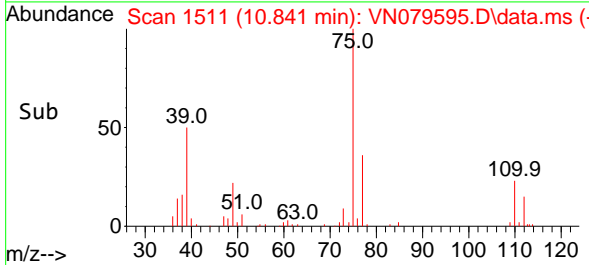
Reviewed By :John Carlone 10/19/2023
 Supervised By :Mahesh Dadoda 10/20/2023

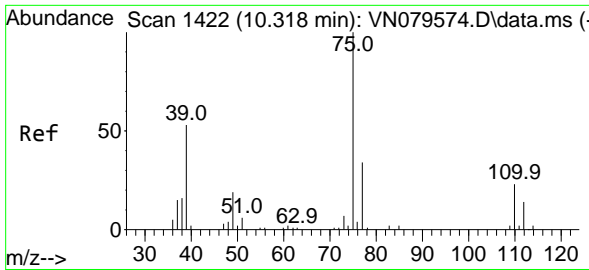


#48
 t-1,3-Dichloropropene
 Concen: 19.963 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47



Tgt Ion: 75 Resp: 93701
 Ion Ratio Lower Upper
 75 100
 77 34.2 25.6 38.4





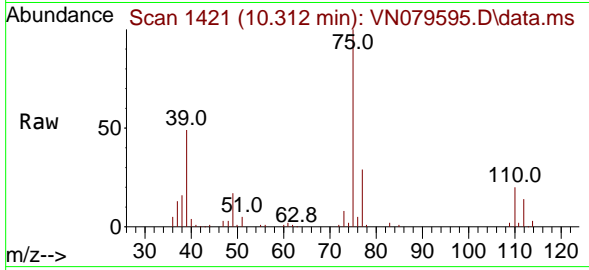
#49
 cis-1,3-Dichloropropene
 Concen: 20.679 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.006 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47

Instrument :

MSVOA_N

ClientSampleId :

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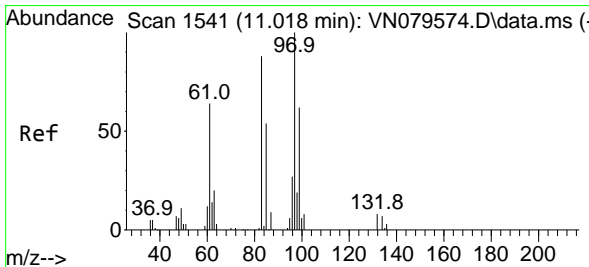
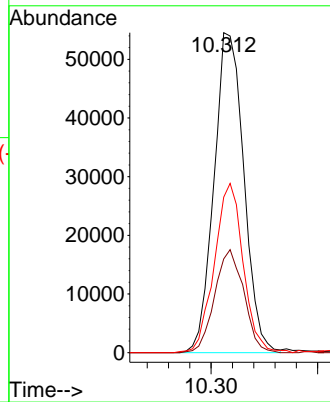
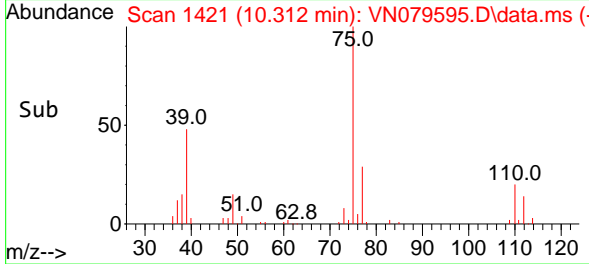
Tgt Ion: 75 Resp: 10613
 Ion Ratio Lower Upper
 75 100
 77 29.3 25.8 38.6
 39 48.3 42.4 63.6

Manual Integrations

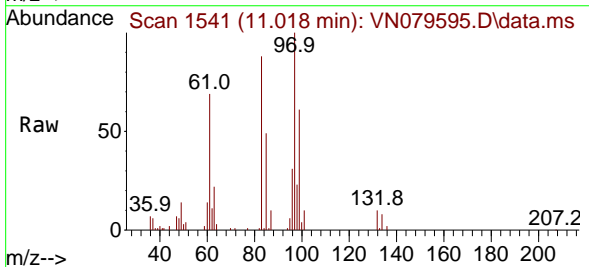
APPROVED

Reviewed By :John Carlone 10/19/2023

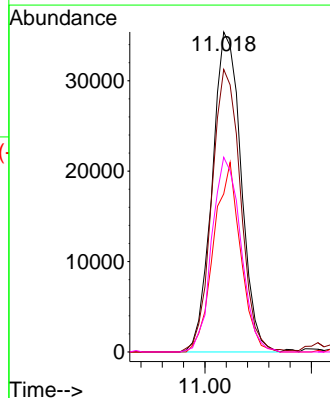
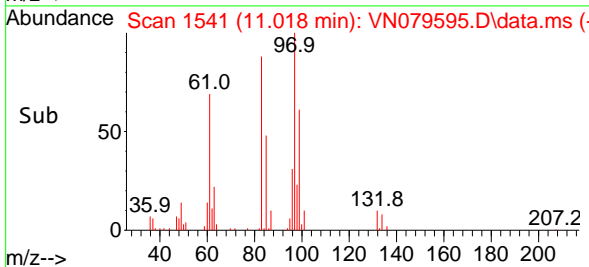
Supervised By :Mahesh Dadoda 10/20/2023

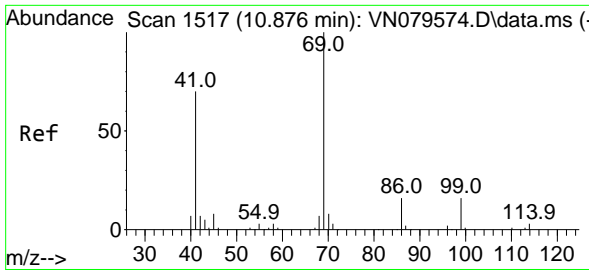


#50
 1,1,2-Trichloroethane
 Concen: 21.382 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. 0.000 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47



Tgt Ion: 97 Resp: 66458
 Ion Ratio Lower Upper
 97 100
 83 88.3 68.2 102.4
 85 49.4 42.9 64.3
 99 60.9 44.8 67.2





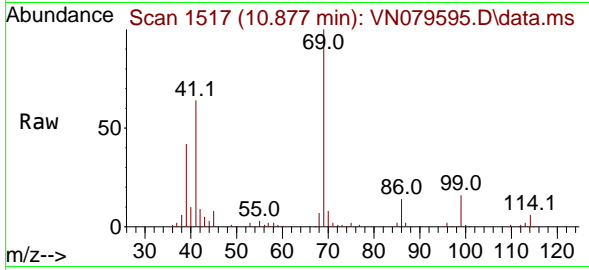
#51
 Ethyl methacrylate
 Concen: 20.192 ug/l
 RT: 10.877 min Scan# 1517
 Delta R.T. 0.000 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020



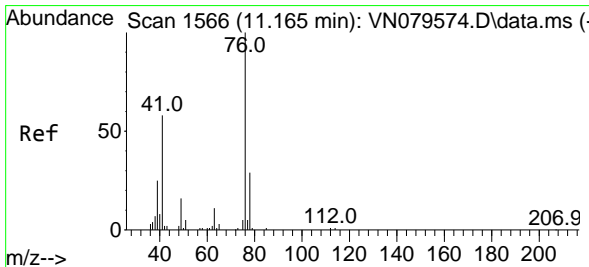
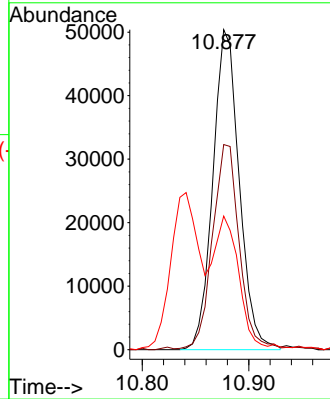
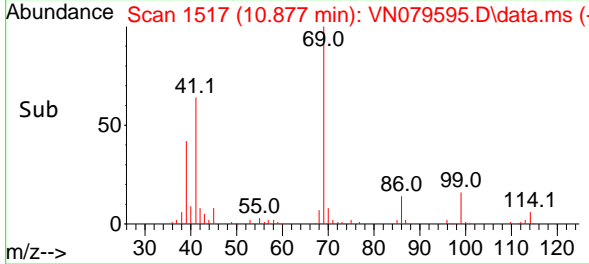
Tgt Ion: 69 Resp: 86589
 Ion Ratio Lower Upper
 69 100
 41 63.7 33.8 101.3
 39 40.9 21.3 63.9

Manual Integrations

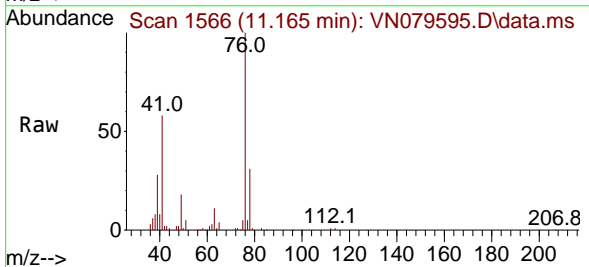
APPROVED

Reviewed By :John Carlone 10/19/2023

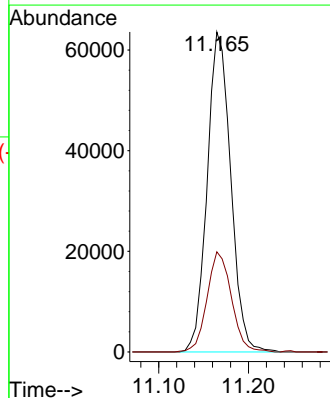
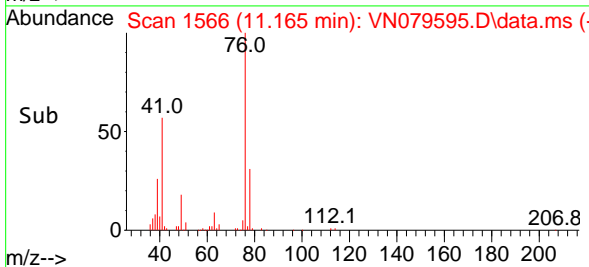
Supervised By :Mahesh Dadoda 10/20/2023

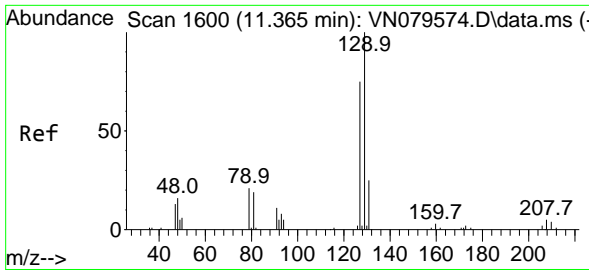


#52
 1,3-Dichloropropane
 Concen: 21.025 ug/l
 RT: 11.165 min Scan# 1566
 Delta R.T. 0.000 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47



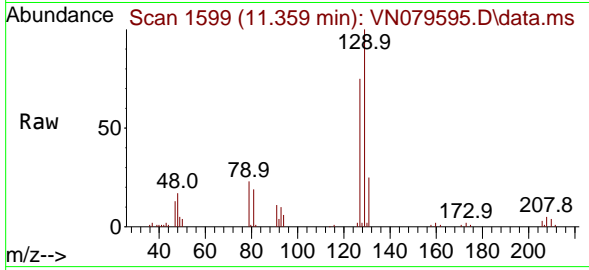
Tgt Ion: 76 Resp: 115766
 Ion Ratio Lower Upper
 76 100
 78 32.4 0.0 64.0





#53
 Dibromochloromethane
 Concen: 21.612 ug/l
 RT: 11.359 min Scan# 1599
 Delta R.T. -0.006 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47

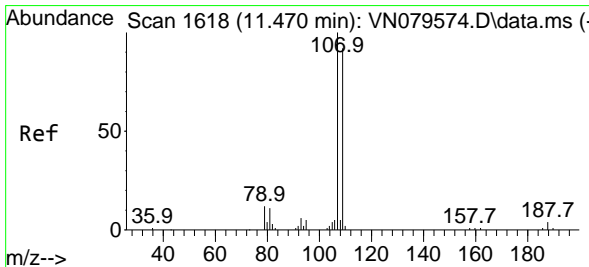
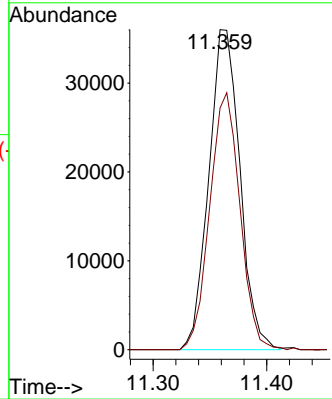
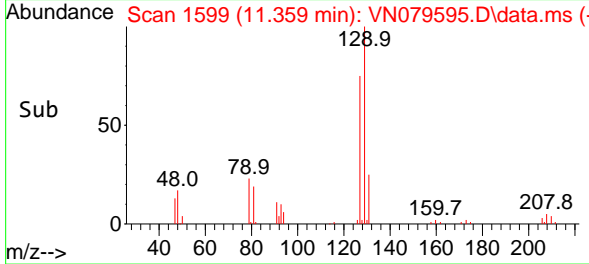
Instrument :
 MSVOA_N
Client Sample Id :
 VSTDCCC020



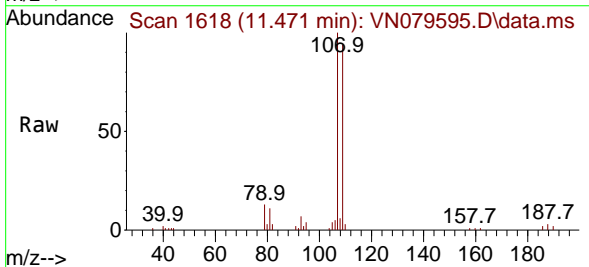
Tgt Ion:129 Resp: 68652
 Ion Ratio Lower Upper
 129 100
 127 77.9 38.8 116.3

Manual Integrations
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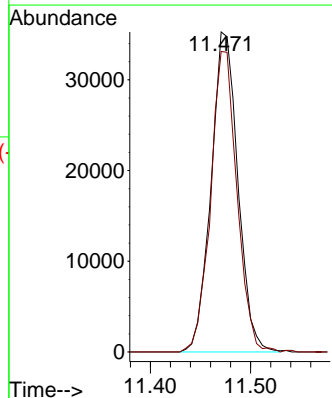
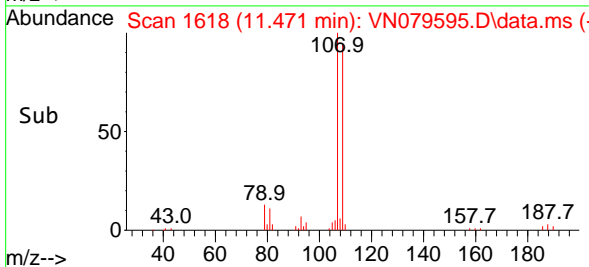
Reviewed By :John Carlone 10/19/2023
 Supervised By :Mahesh Dadoda 10/20/2023

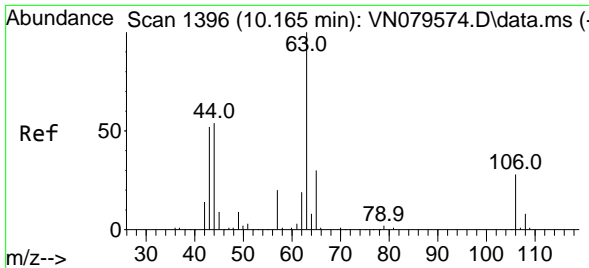


#54
 1,2-Dibromoethane
 Concen: 21.388 ug/l
 RT: 11.471 min Scan# 1618
 Delta R.T. 0.000 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47



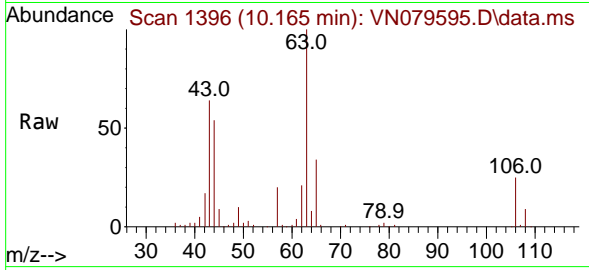
Tgt Ion:107 Resp: 65582
 Ion Ratio Lower Upper
 107 100
 109 91.8 73.2 109.8





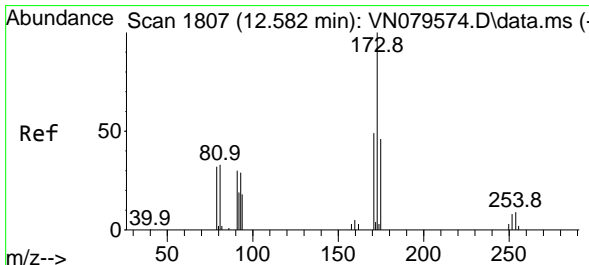
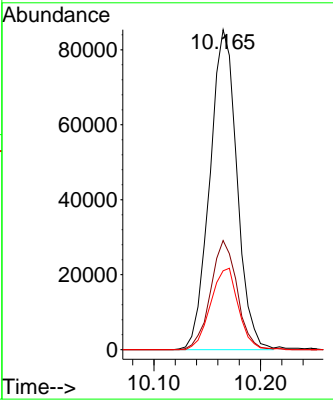
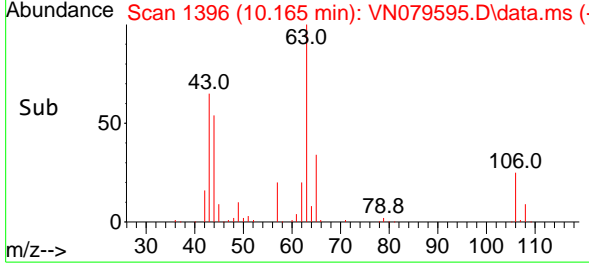
#55
 2-Chloroethyl vinyl ether
 Concen: 92.292 ug/l
 RT: 10.165 min Scan# 1396
 Delta R.T. 0.000 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47

Instrument : MSVOA_N
 ClientSampleId : VSTDCCC020

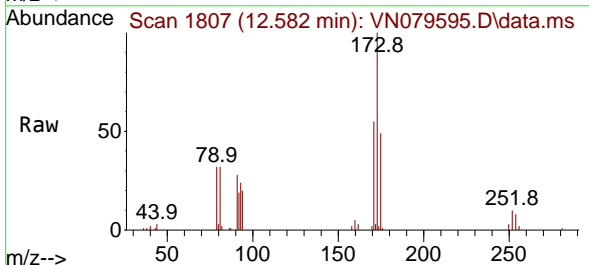


Tgt Ion: 63 Resp: 15099
 Ion Ratio Lower Upper
 63 100
 65 33.4 25.9 38.9
 106 26.0 20.6 30.8

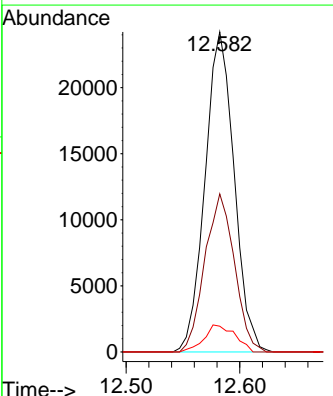
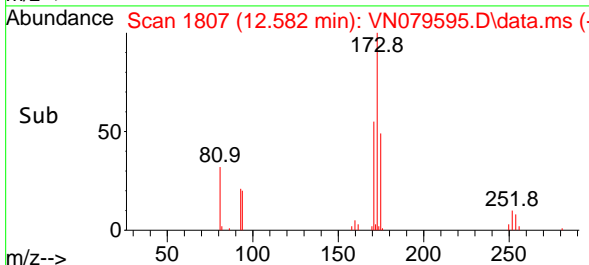
Manual Integrations
APPROVED
 Reviewed By :John Carlone 10/19/2023
 Supervised By :Mahesh Dadoda 10/20/2023

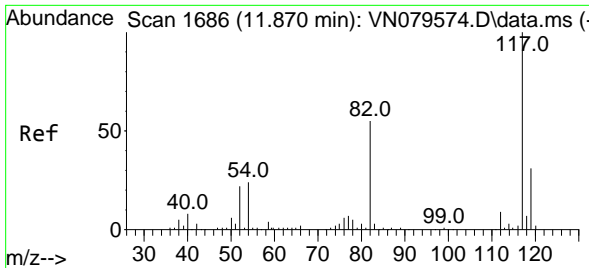


#56
 Bromoform
 Concen: 20.512 ug/l
 RT: 12.582 min Scan# 1807
 Delta R.T. 0.000 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47



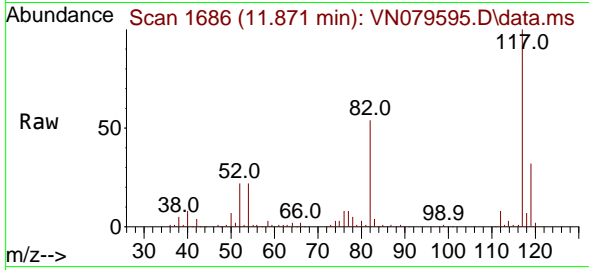
Tgt Ion:173 Resp: 43104
 Ion Ratio Lower Upper
 173 100
 175 50.2 37.9 56.9
 254 9.0 7.3 10.9





#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.871 min Scan# 1686
 Delta R.T. 0.000 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47

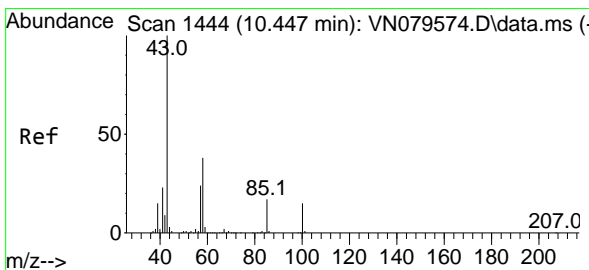
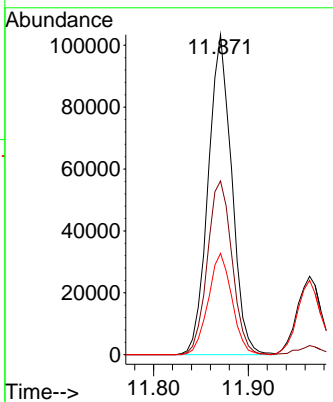
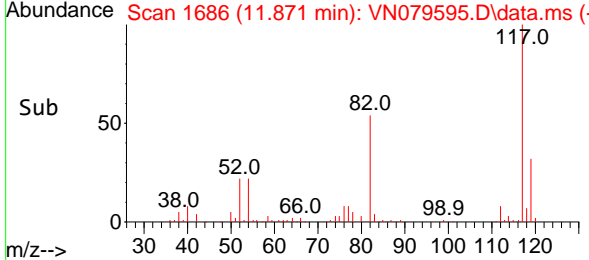
Instrument : MSVOA_N
 ClientSampleId : VSTDCCC020



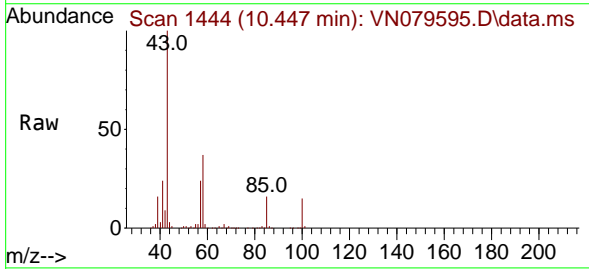
Tgt Ion: 117 Resp: 178258
 Ion Ratio Lower Upper
 117 100
 82 57.0 46.2 69.2
 119 32.0 25.2 37.8

Manual Integrations
APPROVED

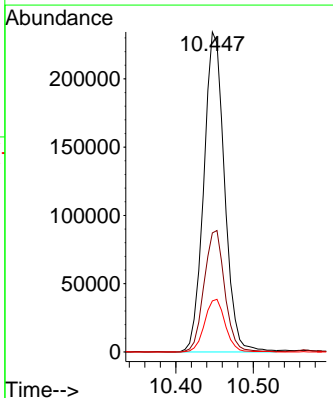
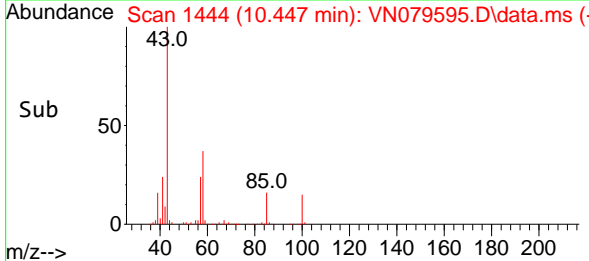
Reviewed By :John Carlone 10/19/2023
 Supervised By :Mahesh Dadoda 10/20/2023

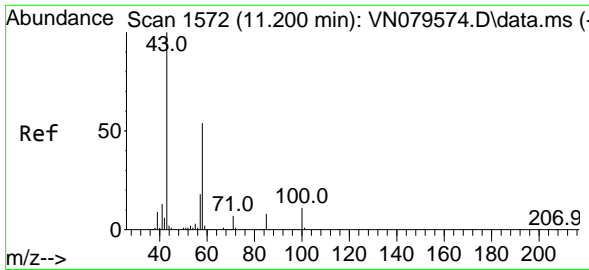


#58
 4-Methyl-2-Pentanone
 Concen: 104.854 ug/l
 RT: 10.447 min Scan# 1444
 Delta R.T. 0.000 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47



Tgt Ion: 43 Resp: 435963
 Ion Ratio Lower Upper
 43 100
 58 37.9 30.4 45.6
 85 16.3 13.2 19.8





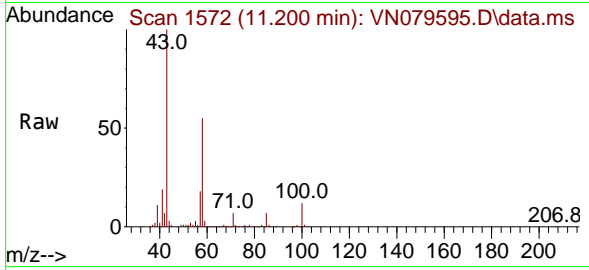
#59
 2-Hexanone
 Concen: 101.629 ug/l
 RT: 11.200 min Scan# 1111
 Delta R.T. 0.000 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020



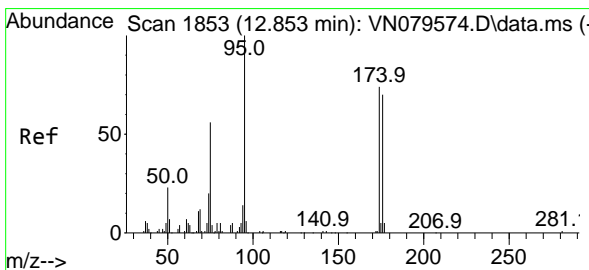
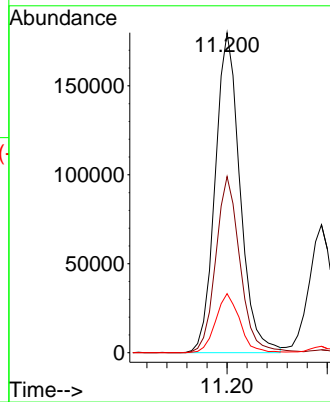
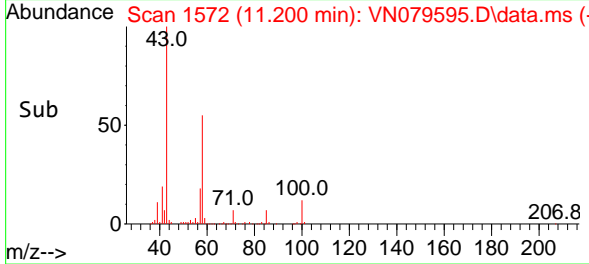
Tgt Ion: 43 Resp: 309998
 Ion Ratio Lower Upper
 43 100
 58 53.8 42.3 63.5
 57 17.9 13.9 20.9

Manual Integrations

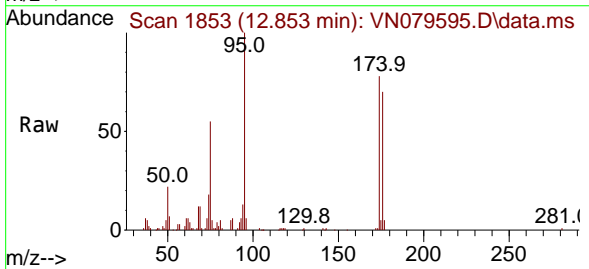
APPROVED

Reviewed By :John Carlone 10/19/2023

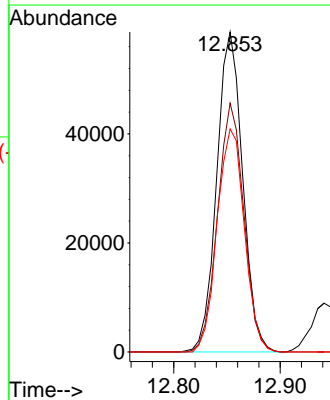
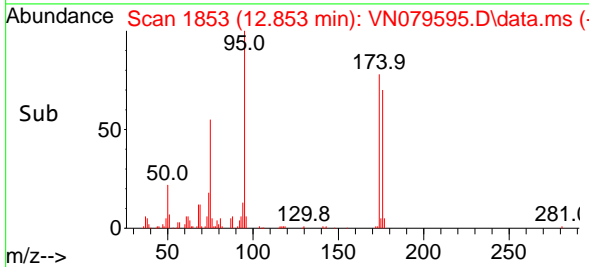
Supervised By :Mahesh Dadoda 10/20/2023

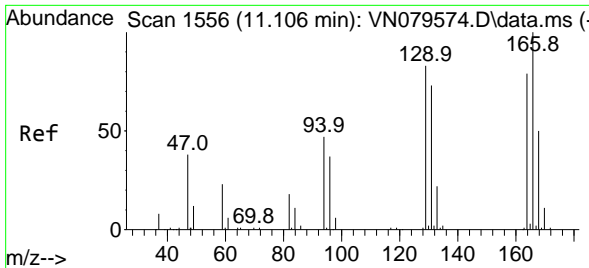


#60
 4-Bromofluorobenzene
 Concen: 30.382 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47



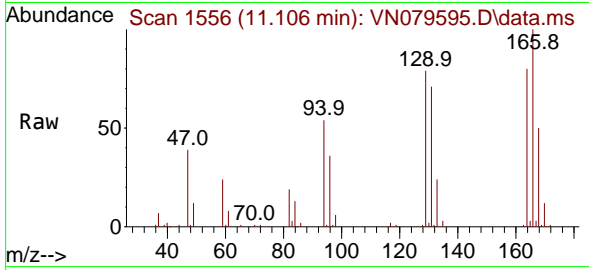
Tgt Ion: 95 Resp: 99039
 Ion Ratio Lower Upper
 95 100
 174 79.0 60.5 90.7
 176 73.5 57.2 85.8





#61
 Tetrachloroethene
 Concen: 21.640 ug/l
 RT: 11.106 min Scan# 1111
 Delta R.T. 0.000 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47

Instrument : MSVOA_N
 ClientSampleId : VSTDCCC020

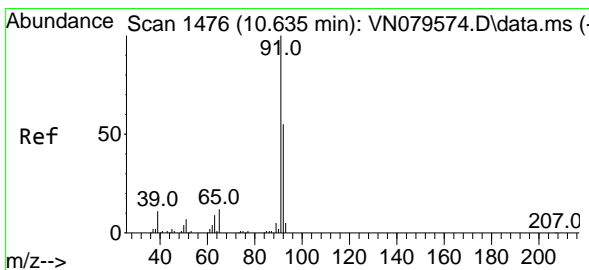
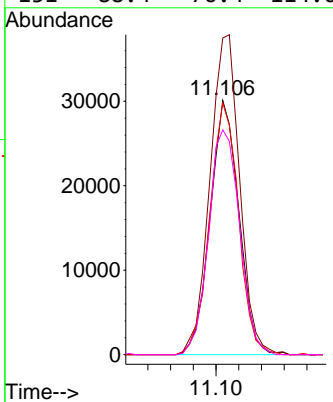
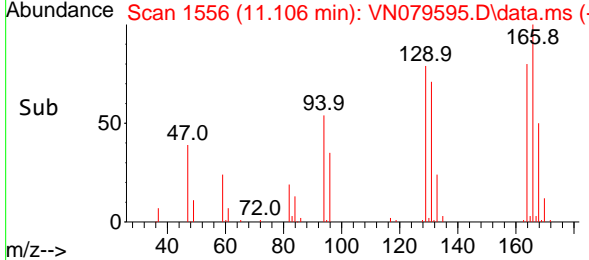


Tgt Ion:164 Resp: 5296

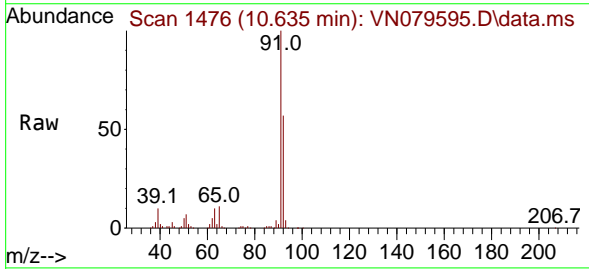
Ion	Ratio	Lower	Upper
164	100		
166	124.5	98.2	147.4
129	98.9	75.0	112.4
131	88.4	76.4	114.6

Manual Integrations
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Reviewed By :John Carlone 10/19/2023
 Supervised By :Mahesh Dadoda 10/20/2023

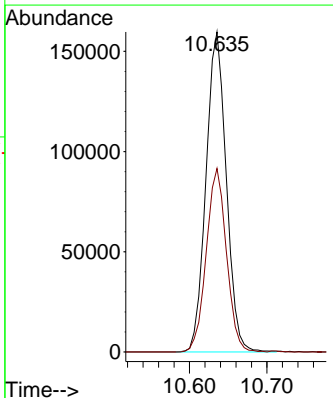
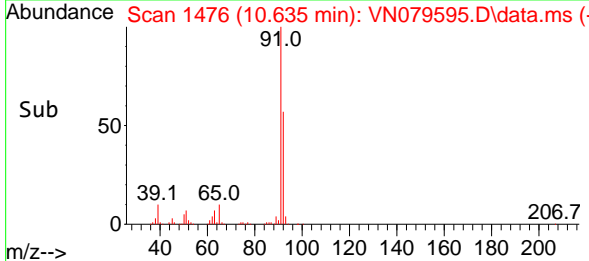


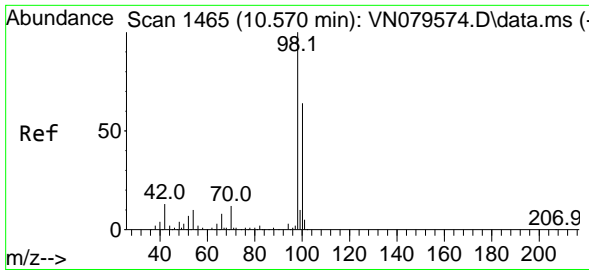
#62
 Toluene
 Concen: 21.298 ug/l
 RT: 10.635 min Scan# 1476
 Delta R.T. 0.000 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47



Tgt Ion: 91 Resp: 290151

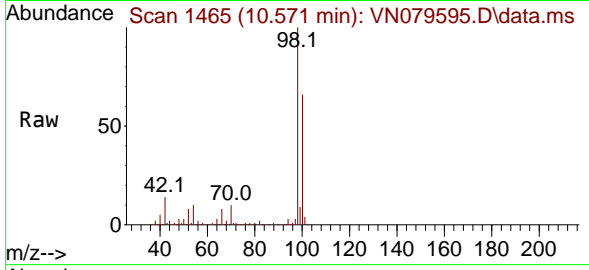
Ion	Ratio	Lower	Upper
91	100		
92	57.2	45.3	67.9





#63
 Toluene-d8
 Concen: 30.862 ug/l
 RT: 10.571 min Scan# 1465
 Delta R.T. 0.000 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47

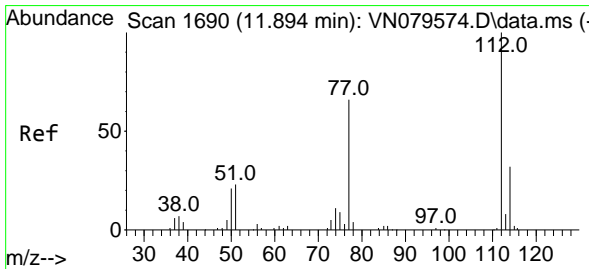
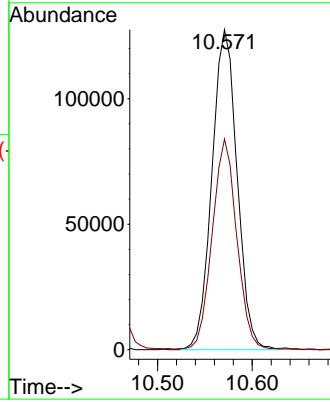
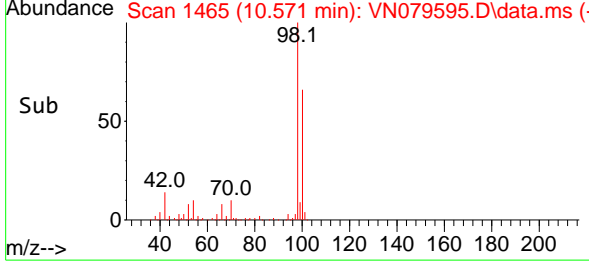
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020



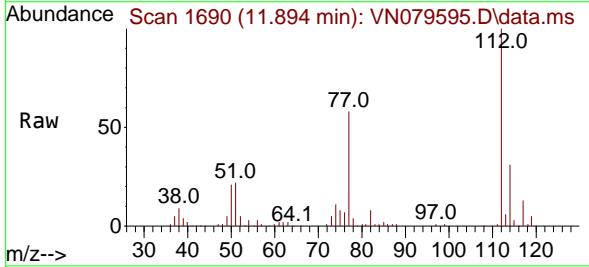
Tgt Ion: 98 Resp: 235739
 Ion Ratio Lower Upper
 98 100
 100 64.4 51.6 77.4

Manual Integrations
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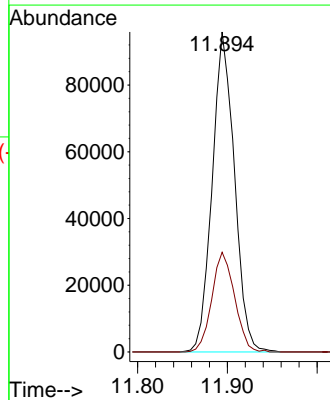
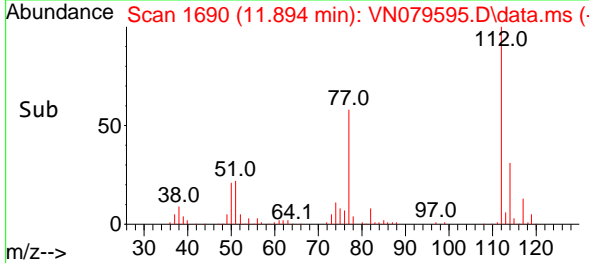
Reviewed By :John Carlone 10/19/2023
 Supervised By :Mahesh Dadoda 10/20/2023

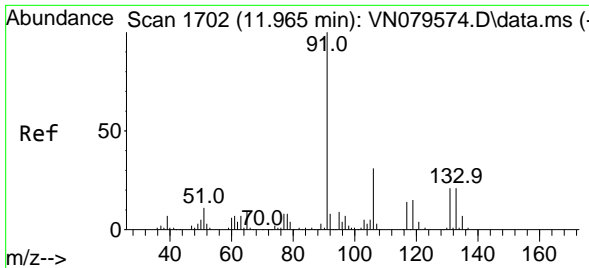


#64
 Chlorobenzene
 Concen: 20.859 ug/l
 RT: 11.894 min Scan# 1690
 Delta R.T. 0.000 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47



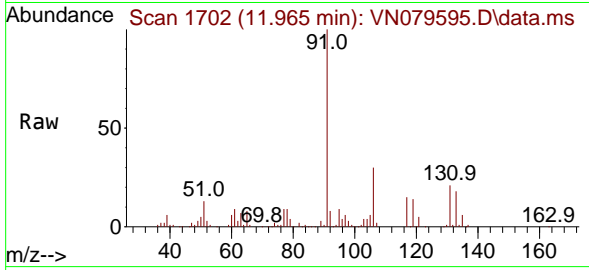
Tgt Ion:112 Resp: 164812
 Ion Ratio Lower Upper
 112 100
 114 31.2 28.1 42.1





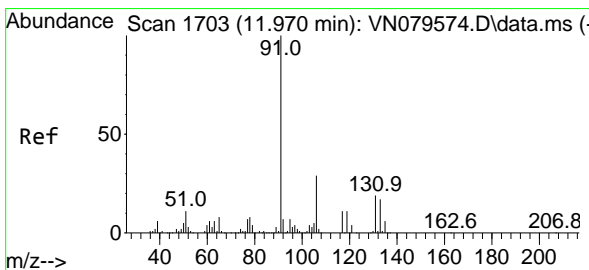
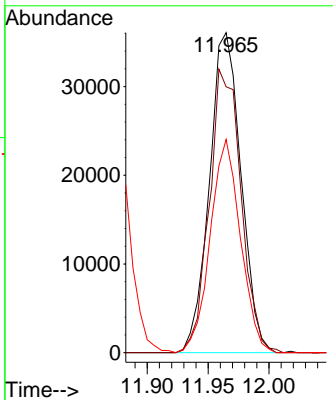
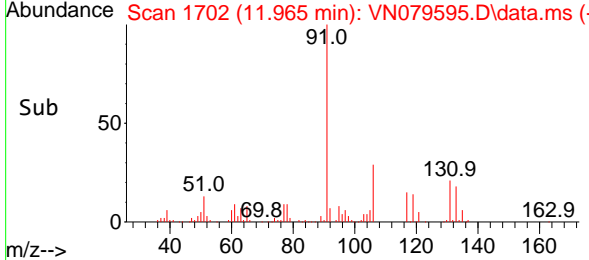
#65
 1,1,1,2-Tetrachloroethane
 Concen: 21.665 ug/l
 RT: 11.965 min Scan# 1702
 Delta R.T. 0.000 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47

Instrument : MSVOA_N
 Client Sample Id : VSTDCCC020

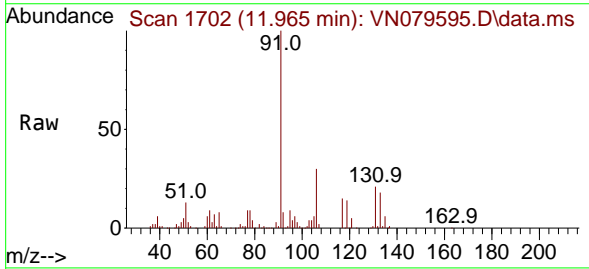


Tgt Ion: 131 Resp: 65210
 Ion Ratio Lower Upper
 131 100
 133 88.9 0.0 196.0
 119 63.7 0.0 135.6

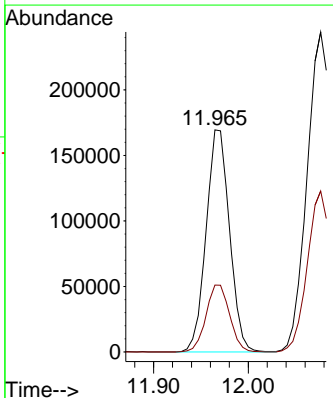
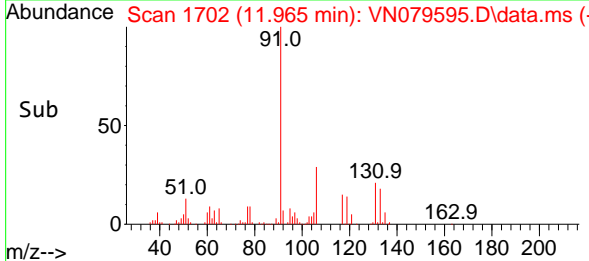
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APPROVED
 Reviewed By : John Carlone 10/19/2023
 Supervised By : Mahesh Dadoda 10/20/2023

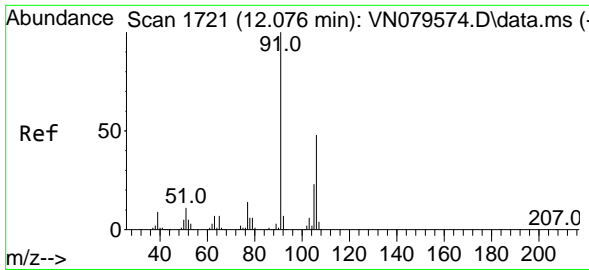


#66
 Ethyl Benzene
 Concen: 20.765 ug/l
 RT: 11.965 min Scan# 1702
 Delta R.T. -0.006 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47



Tgt Ion: 91 Resp: 291477
 Ion Ratio Lower Upper
 91 100
 106 30.1 23.8 35.8





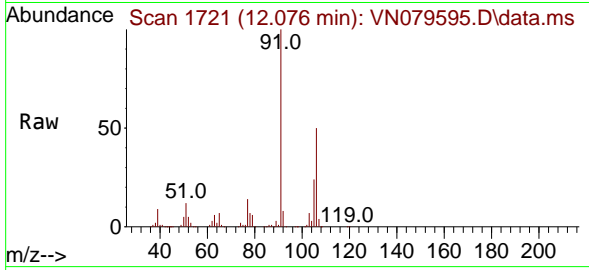
#67
 m/p-Xylenes
 Concen: 43.461 ug/l
 RT: 12.076 min Scan# 1721
 Delta R.T. 0.000 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020



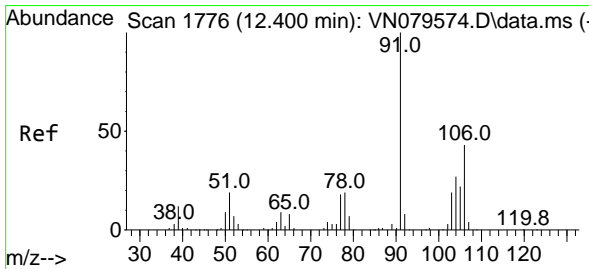
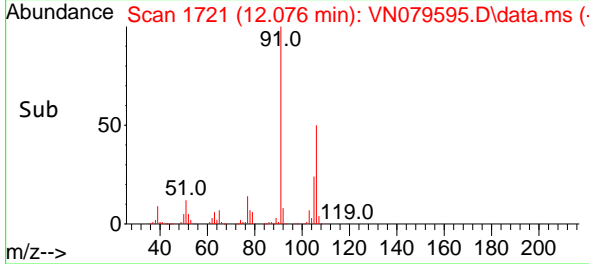
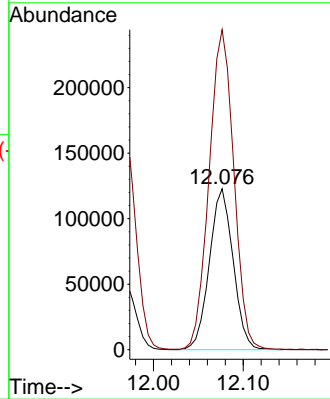
Tgt Ion:106 Resp: 22563
 Ion Ratio Lower Upper
 106 100
 91 207.4 161.8 242.6

Manual Integrations

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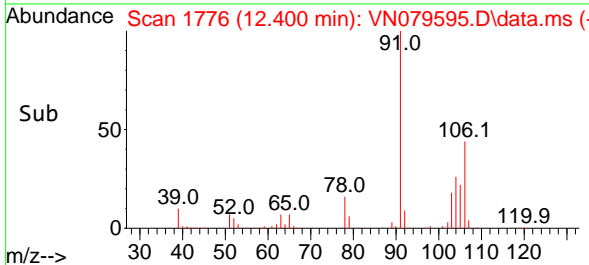
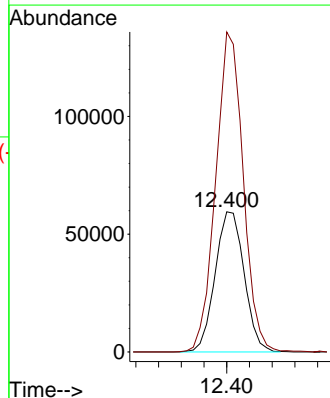
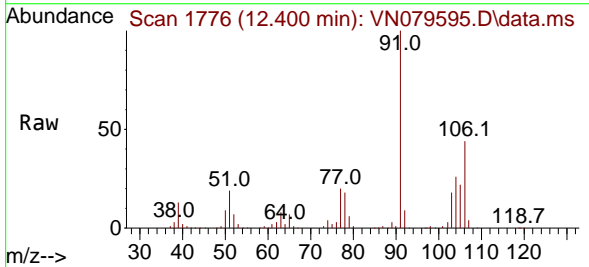
Reviewed By :John Carlone 10/19/2023

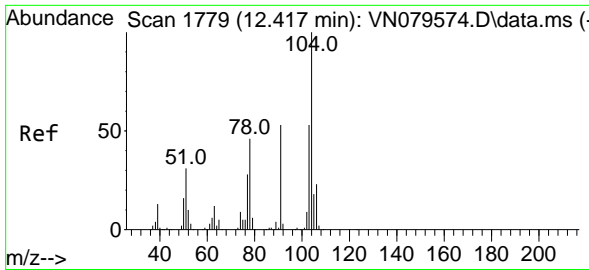
Supervised By :Mahesh Dadoda 10/20/2023



#68
 o-Xylene
 Concen: 21.290 ug/l
 RT: 12.400 min Scan# 1776
 Delta R.T. 0.000 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47

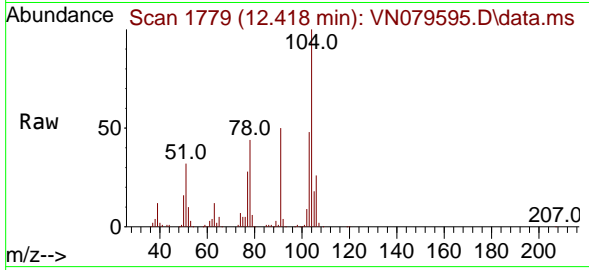
Tgt Ion:106 Resp: 105665
 Ion Ratio Lower Upper
 106 100
 91 216.1 109.9 329.7





#69
 Styrene
 Concen: 21.781 ug/l
 RT: 12.418 min Scan# 1779
 Delta R.T. 0.000 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47

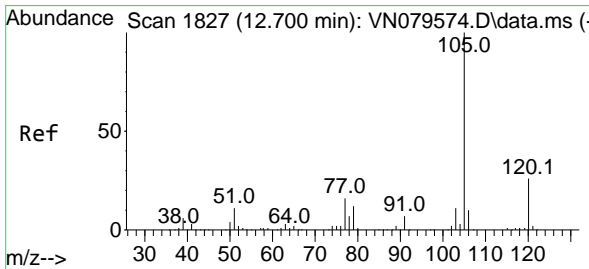
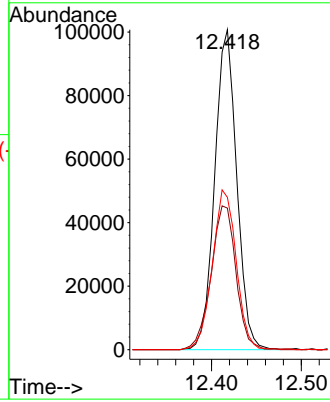
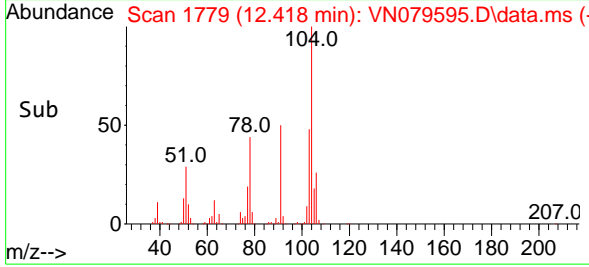
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020



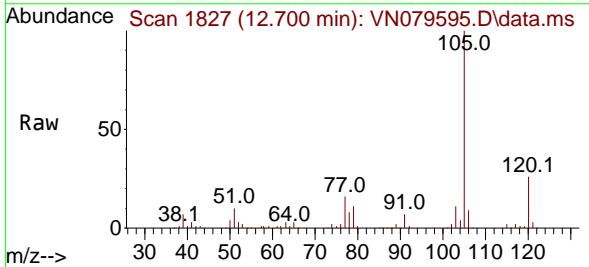
Tgt Ion:104 Resp: 171614
 Ion Ratio Lower Upper
 104 100
 78 50.7 41.2 61.8
 103 54.2 43.1 64.7

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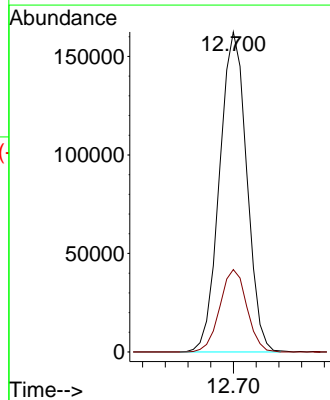
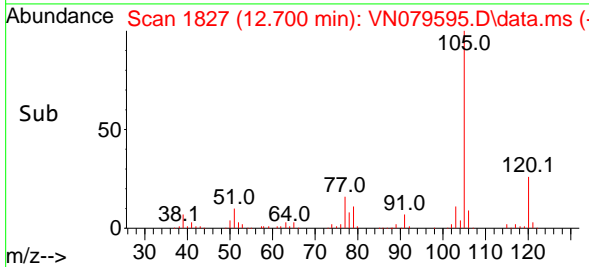
Reviewed By :John Carlone 10/19/2023
 Supervised By :Mahesh Dadoda 10/20/2023

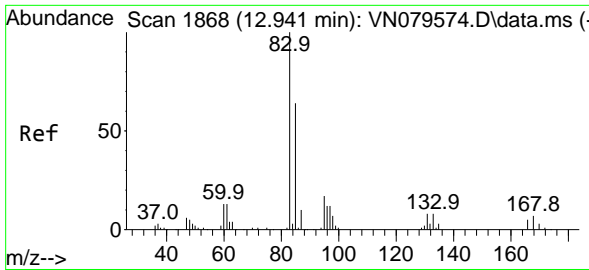


#70
 Isopropylbenzene
 Concen: 21.189 ug/l
 RT: 12.700 min Scan# 1827
 Delta R.T. 0.000 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47



Tgt Ion:105 Resp: 269893
 Ion Ratio Lower Upper
 105 100
 120 25.5 18.1 33.5





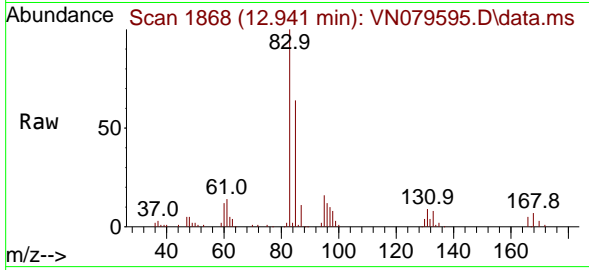
#71
 1,1,2-Tetrachloroethane
 Concen: 21.556 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020



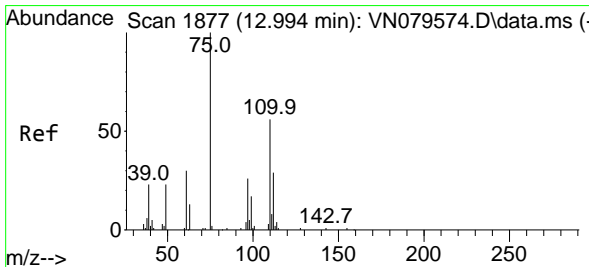
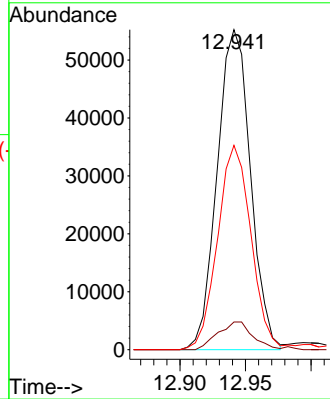
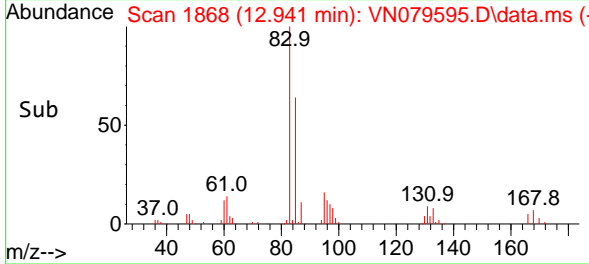
Tgt Ion: 83 Resp: 9762
 Ion Ratio Lower Upper
 83 100
 131 9.0 4.5 13.4
 85 63.8 32.1 96.3

Manual Integrations

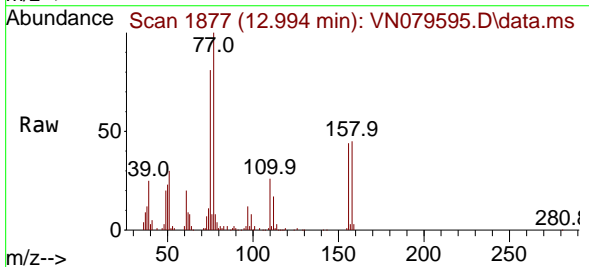
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Reviewed By :John Carlone 10/19/2023

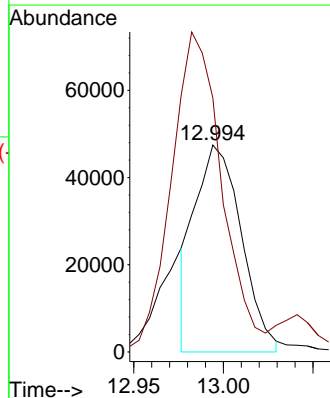
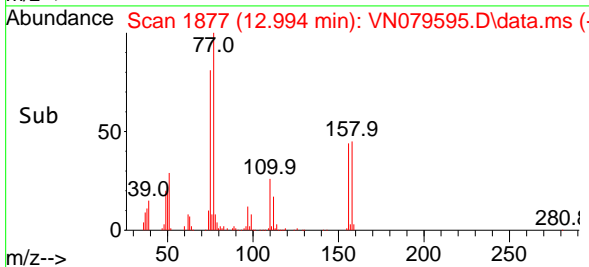
Supervised By :Mahesh Dadoda 10/20/2023

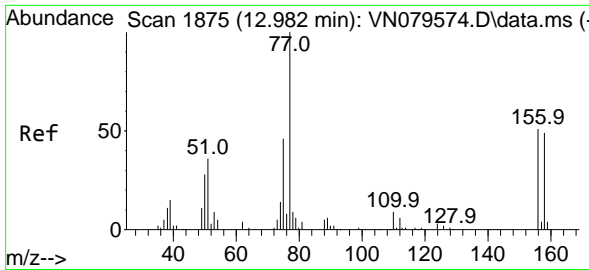


#72
 1,2,3-Trichloropropane
 Concen: 20.762 ug/l m
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47



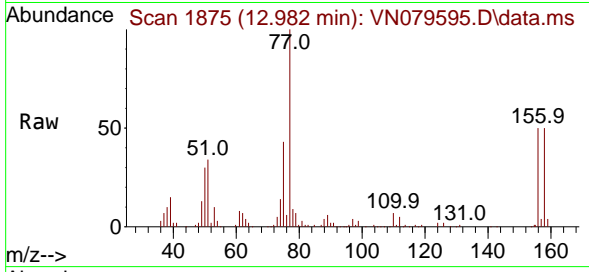
Tgt Ion: 75 Resp: 85389
 Ion Ratio Lower Upper
 75 100
 77 168.7 0.0 338.2





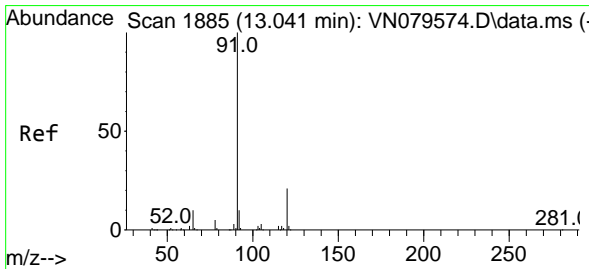
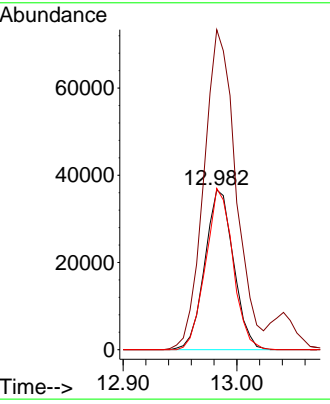
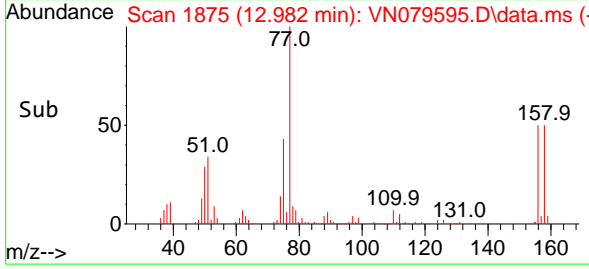
#73
 Bromobenzene
 Concen: 21.559 ug/l
 RT: 12.982 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47

Instrument : MSVOA_N
 Client Sample Id : VSTDCCC020

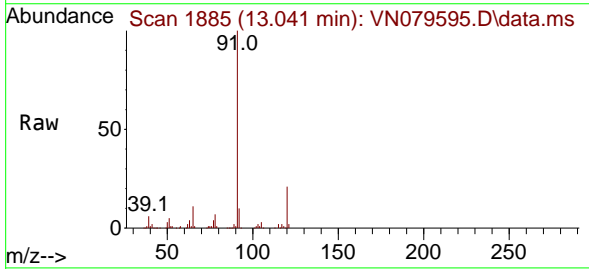


Tgt Ion: 156 Resp: 6450
 Ion Ratio Lower Upper
 156 100
 77 223.3 0.0 448.2
 158 95.9 0.0 194.8

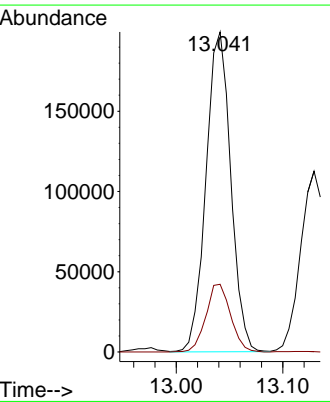
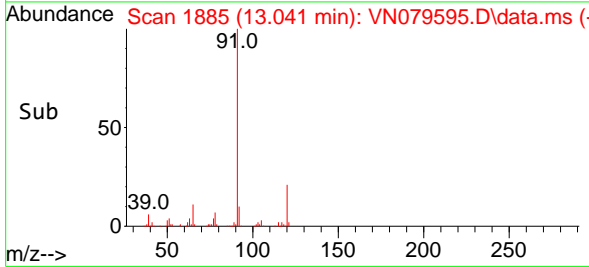
Manual Integrations
APPROVED
 Reviewed By : John Carlone 10/19/2023
 Supervised By : Mahesh Dadoda 10/20/2023

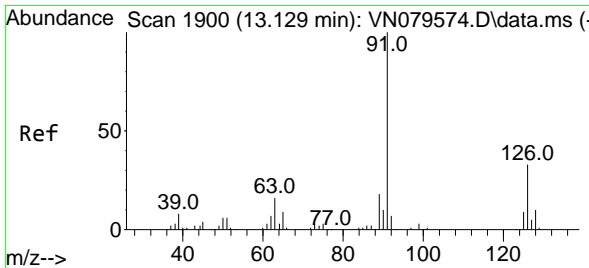


#74
 n-propylbenzene
 Concen: 21.699 ug/l
 RT: 13.041 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47



Tgt Ion: 91 Resp: 321773
 Ion Ratio Lower Upper
 91 100
 120 21.1 0.0 42.0





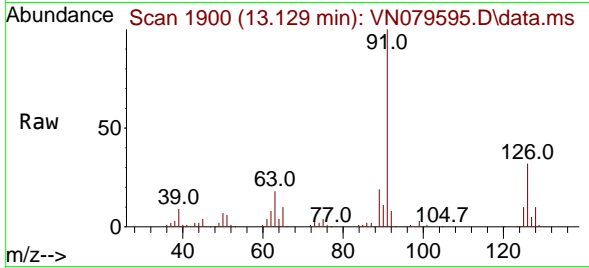
#75
 2-Chlorotoluene
 Concen: 21.424 ug/l
 RT: 13.129 min Scan# 1900
 Delta R.T. 0.000 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

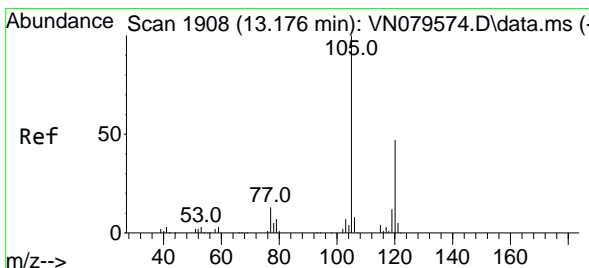
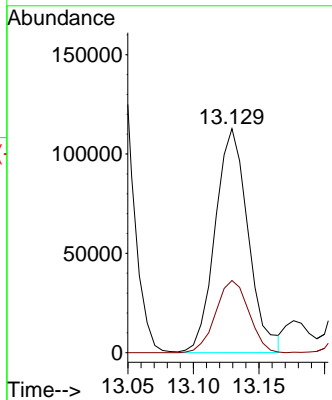
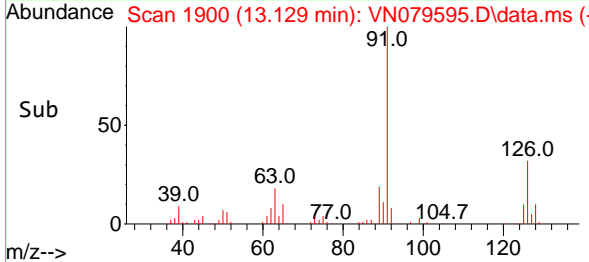


Tgt Ion: 91 Resp: 197500
 Ion Ratio Lower Upper
 91 100
 126 32.3 0.0 64.6

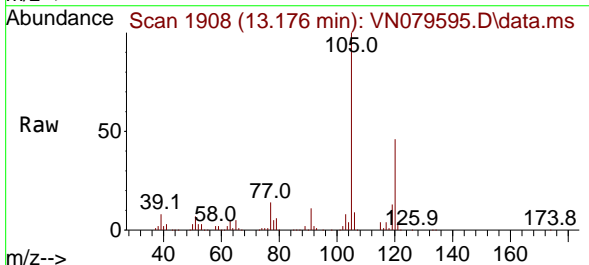
Manual Integrations

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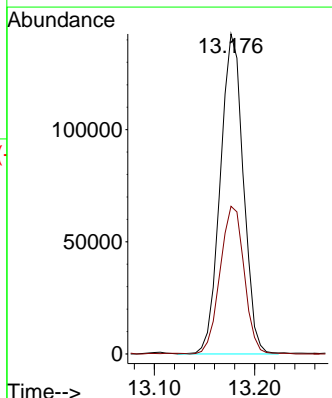
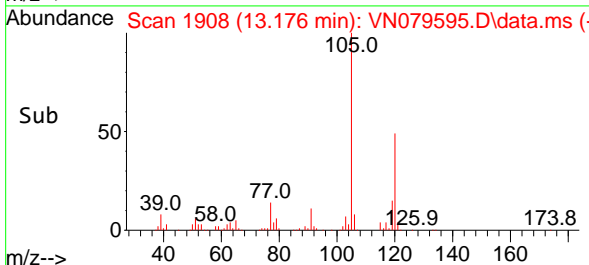
Reviewed By :John Carlone 10/19/2023
 Supervised By :Mahesh Dadoda 10/20/2023

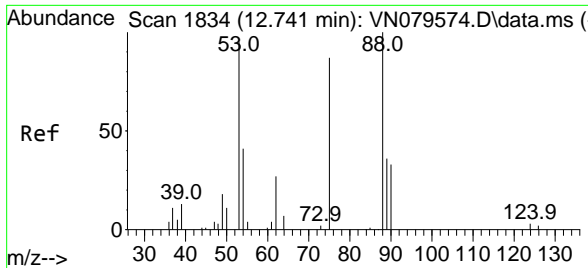


#76
 1,3,5-Trimethylbenzene
 Concen: 21.849 ug/l
 RT: 13.176 min Scan# 1908
 Delta R.T. 0.000 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47



Tgt Ion:105 Resp: 227497
 Ion Ratio Lower Upper
 105 100
 120 48.1 0.0 93.2





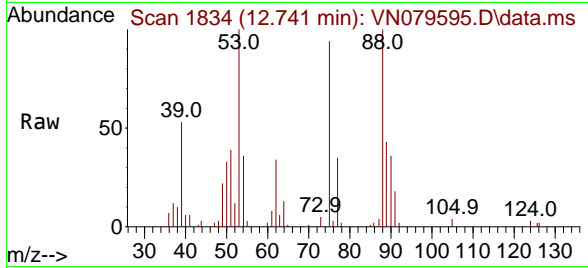
#77
 t-1,4-Dichloro-2-butene
 Concen: 19.336 ug/l
 RT: 12.741 min Scan# 1834
 Delta R.T. 0.000 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

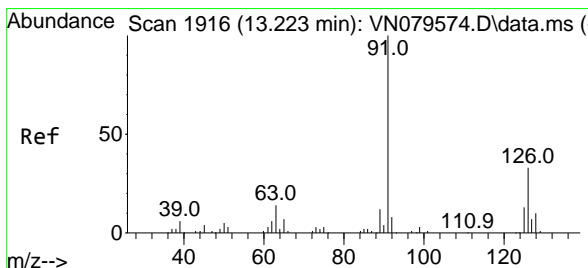
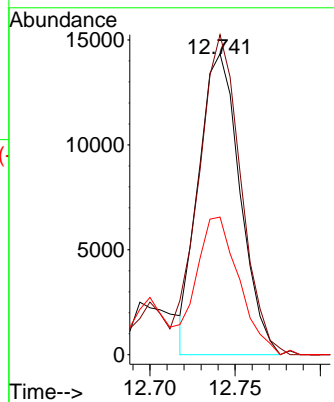
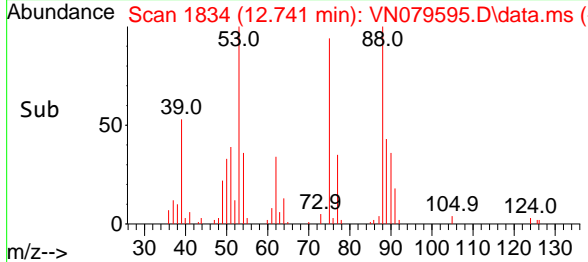


Tgt Ion: 75 Resp: 2427
 Ion Ratio Lower Upper
 75 100
 53 104.3 53.0 159.1
 89 45.7 22.6 67.7

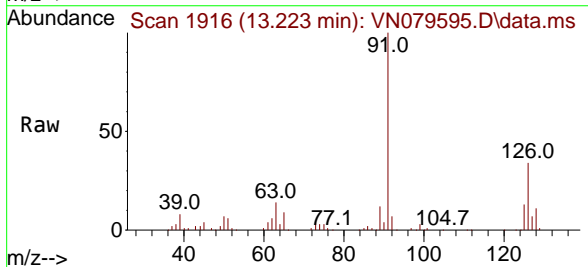
Manual Integrations

APPROVED

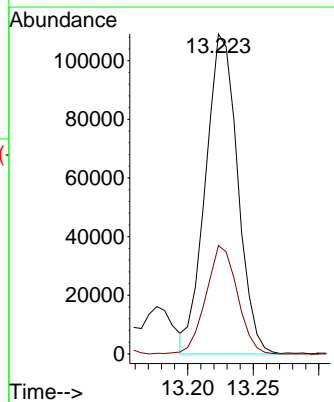
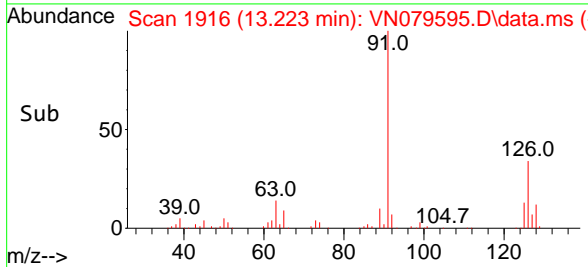
Reviewed By :John Carlone 10/19/2023
 Supervised By :Mahesh Dadoda 10/20/2023

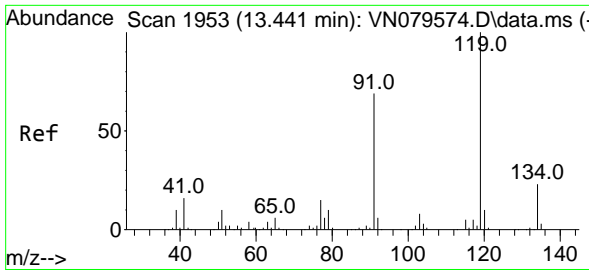


#78
 4-Chlorotoluene
 Concen: 21.381 ug/l
 RT: 13.223 min Scan# 1916
 Delta R.T. 0.000 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47



Tgt Ion: 91 Resp: 186234
 Ion Ratio Lower Upper
 91 100
 126 33.1 0.0 65.4





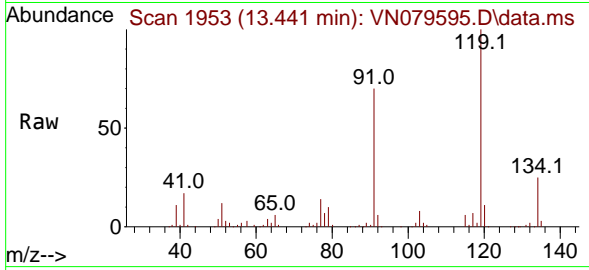
#79
 tert-butylbenzene
 Concen: 20.547 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. 0.000 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020



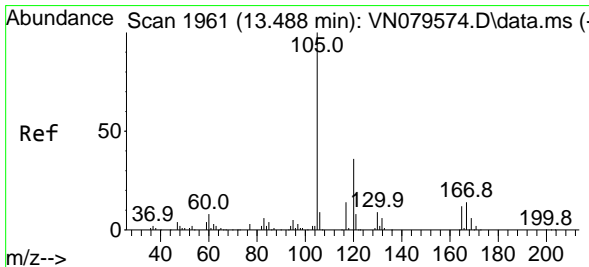
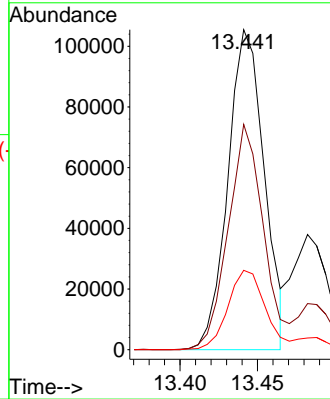
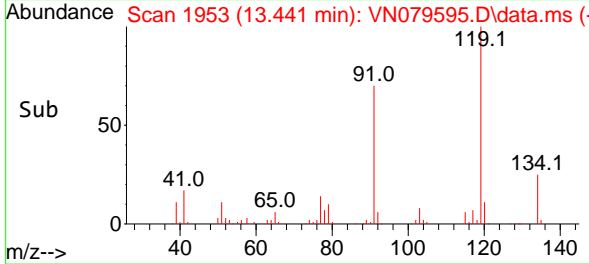
Tgt Ion:119 Resp: 172010
 Ion Ratio Lower Upper
 119 100
 91 68.8 0.0 140.6
 134 25.4 0.0 49.8

Manual Integrations

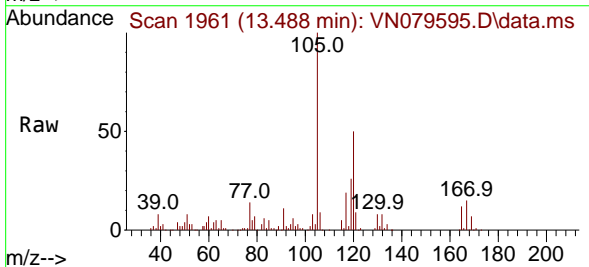
APPROVED

Reviewed By :John Carlone 10/19/2023

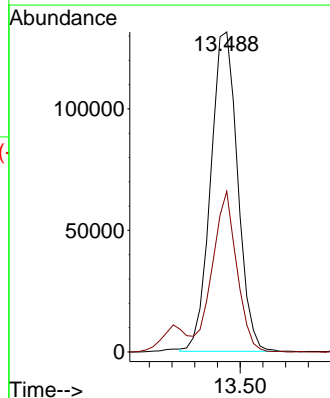
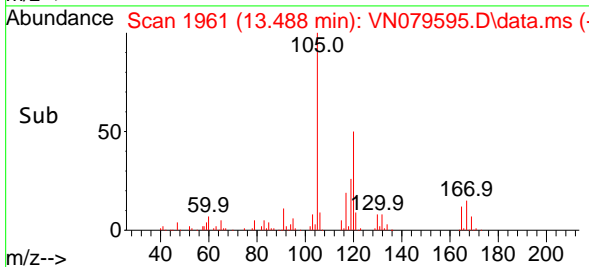
Supervised By :Mahesh Dadoda 10/20/2023

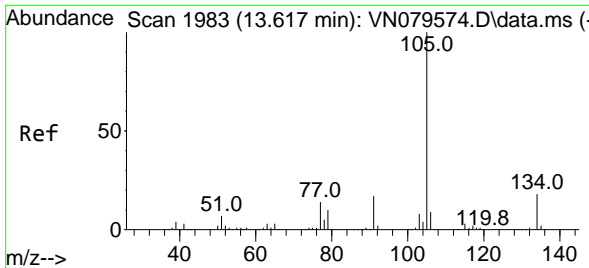


#80
 1,2,4-Trimethylbenzene
 Concen: 21.462 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. 0.000 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47



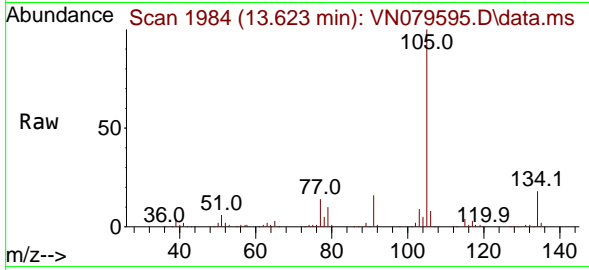
Tgt Ion:105 Resp: 216539
 Ion Ratio Lower Upper
 105 100
 120 45.3 0.0 88.6





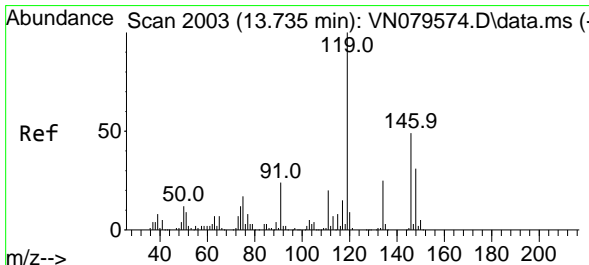
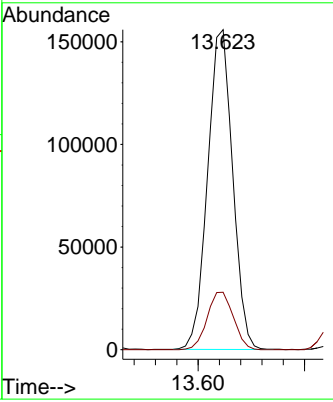
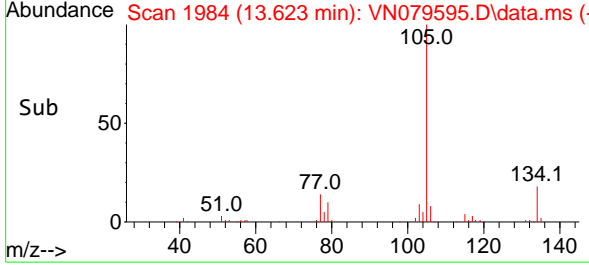
#81
 sec-Butylbenzene
 Concen: 21.592 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.006 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47

Instrument : MSVOA_N
 ClientSampleId : VSTDCCC020

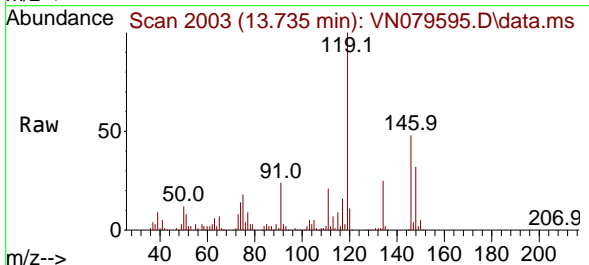


Tgt Ion:105 Resp: 253760
 Ion Ratio Lower Upper
 105 100
 134 18.8 0.0 38.2

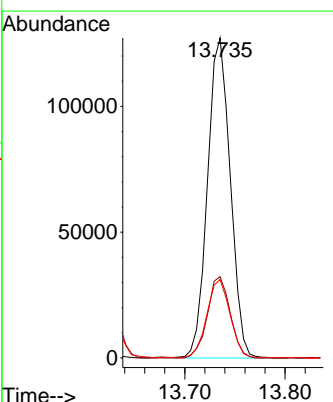
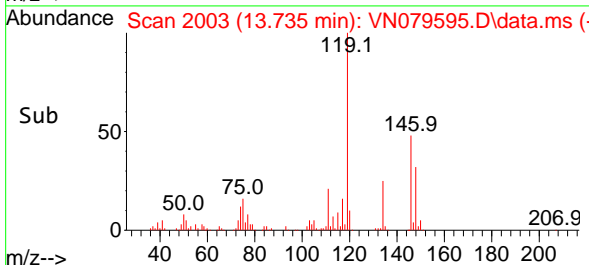
Manual Integrations
APPROVED
 Reviewed By :John Carlone 10/19/2023
 Supervised By :Mahesh Dadoda 10/20/2023

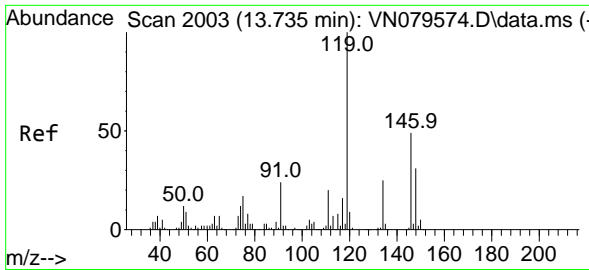


#82
 p-Isopropyltoluene
 Concen: 21.534 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47



Tgt Ion:119 Resp: 200757
 Ion Ratio Lower Upper
 119 100
 134 25.3 0.0 52.2
 91 25.0 0.0 50.0





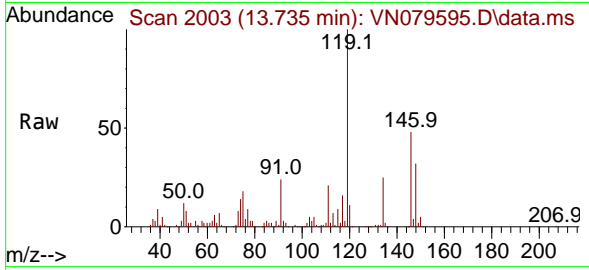
#83
 1,3-Dichlorobenzene
 Concen: 21.572 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020



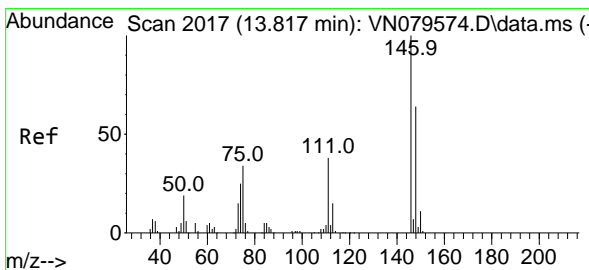
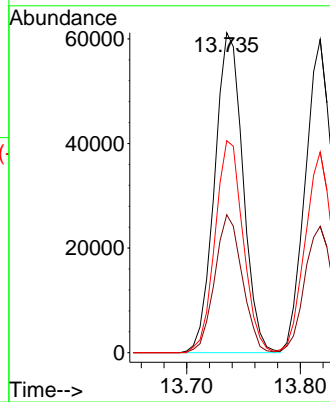
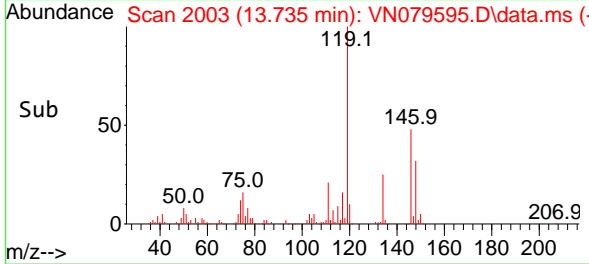
Tgt Ion:146 Resp: 106140
 Ion Ratio Lower Upper
 146 100
 111 41.9 21.0 63.0
 148 65.4 32.4 97.0

Manual Integrations

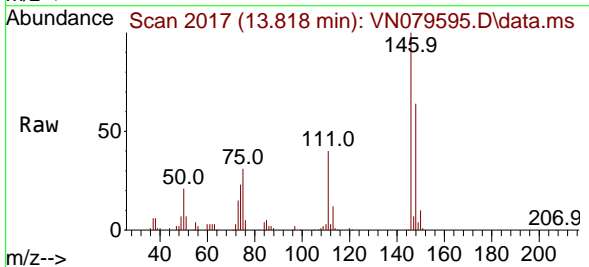
APPROVED

Reviewed By :John Carlone 10/19/2023

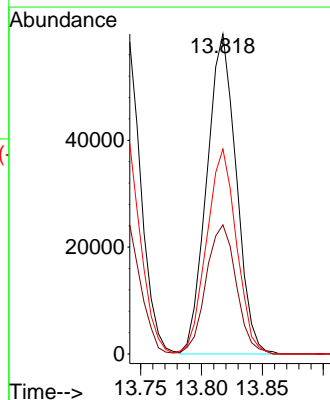
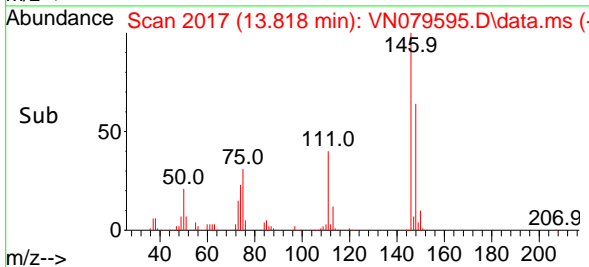
Supervised By :Mahesh Dadoda 10/20/2023

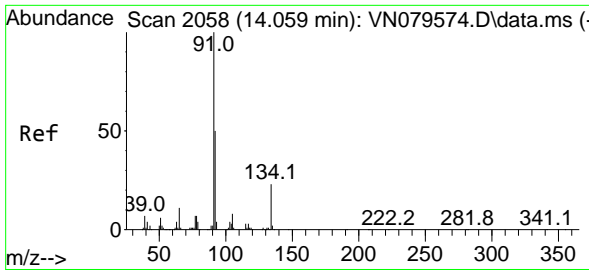


#84
 1,4-Dichlorobenzene
 Concen: 21.343 ug/l
 RT: 13.818 min Scan# 2017
 Delta R.T. 0.000 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47



Tgt Ion:146 Resp: 100672
 Ion Ratio Lower Upper
 146 100
 111 41.4 19.9 59.7
 148 64.8 32.6 97.7





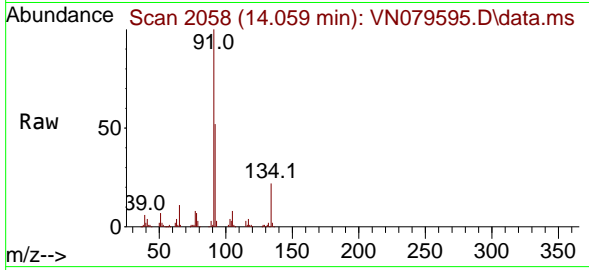
#85
 n-Butylbenzene
 Concen: 20.703 ug/l
 RT: 14.059 min Scan# 2058
 Delta R.T. 0.000 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020



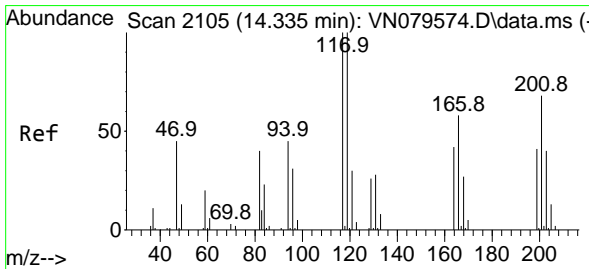
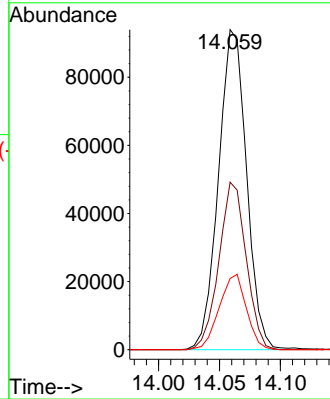
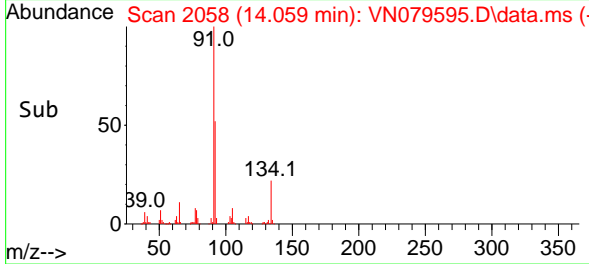
Tgt Ion: 91 Resp: 150800
 Ion Ratio Lower Upper
 91 100
 92 50.9 0.0 99.6
 134 22.8 0.0 46.2

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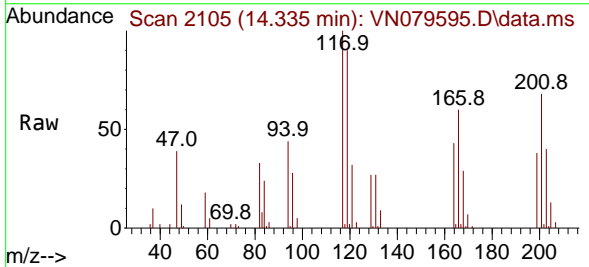
APPROVED

Reviewed By :John Carlone 10/19/2023

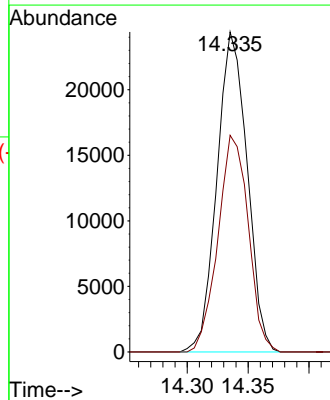
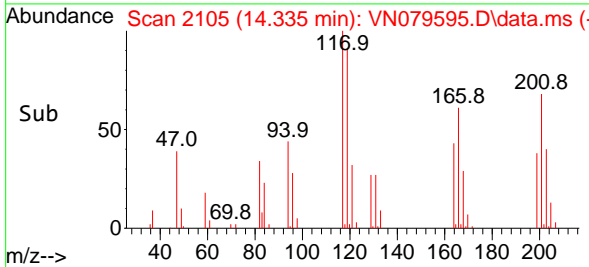
Supervised By :Mahesh Dadoda 10/20/2023

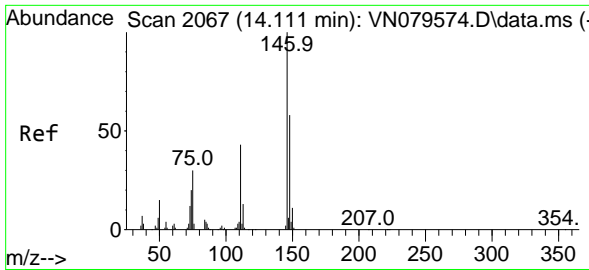


#86
 Hexachloroethane
 Concen: 20.870 ug/l
 RT: 14.335 min Scan# 2105
 Delta R.T. 0.000 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47



Tgt Ion:117 Resp: 42063
 Ion Ratio Lower Upper
 117 100
 201 68.1 32.5 97.5





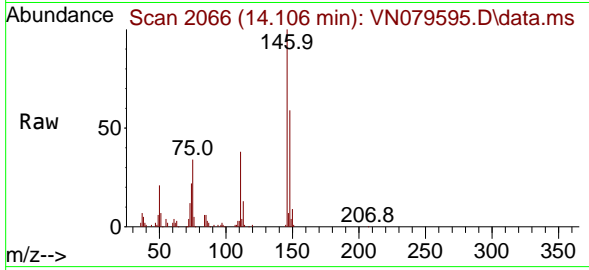
#87
 1,2-Dichlorobenzene
 Concen: 21.919 ug/l
 RT: 14.106 min Scan# 2066
 Delta R.T. -0.006 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020



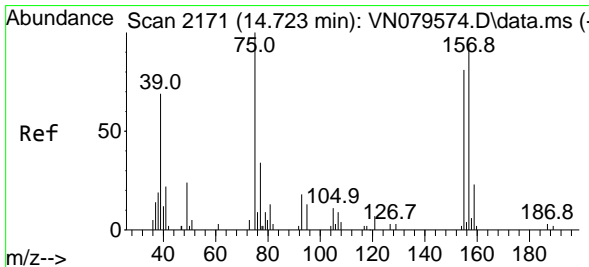
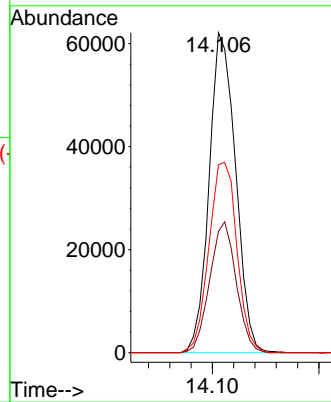
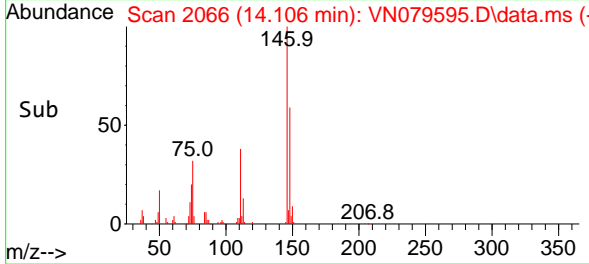
Tgt Ion:146 Resp: 10719
 Ion Ratio Lower Upper
 146 100
 111 40.8 22.0 66.0
 148 62.8 31.1 93.5

Manual Integrations

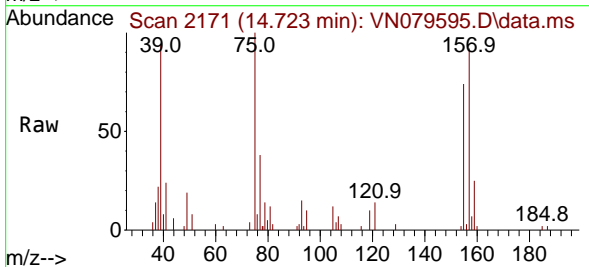
APPROVED

Reviewed By :John Carlone 10/19/2023

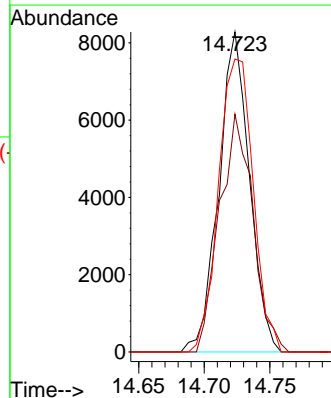
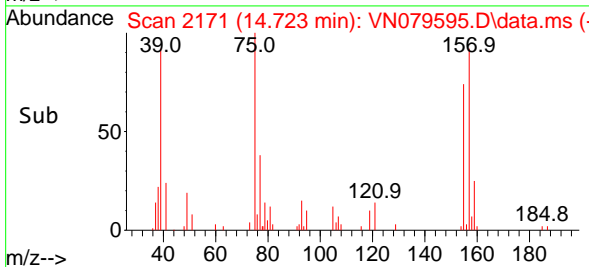
Supervised By :Mahesh Dadoda 10/20/2023

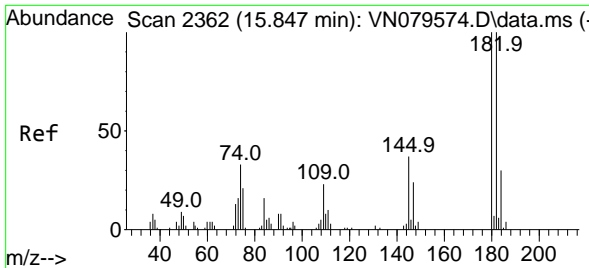


#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.491 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.000 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47



Tgt Ion: 75 Resp: 13451
 Ion Ratio Lower Upper
 75 100
 155 80.8 60.7 91.1
 157 103.5 76.8 115.2





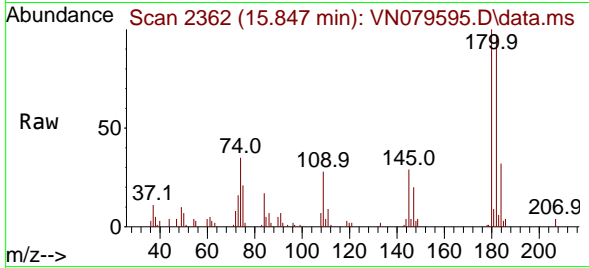
#89
 1,2,4-Trichlorobenzene
 Concen: 18.401 ug/l
 RT: 15.847 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

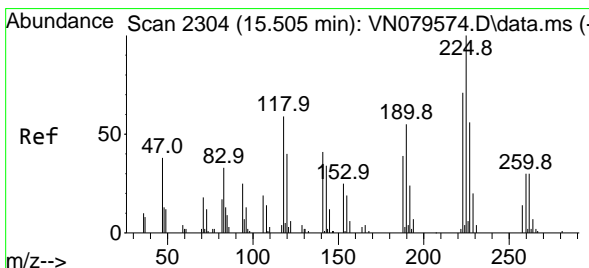
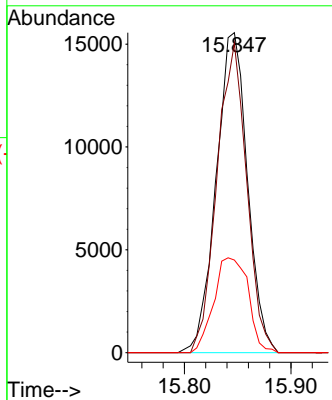
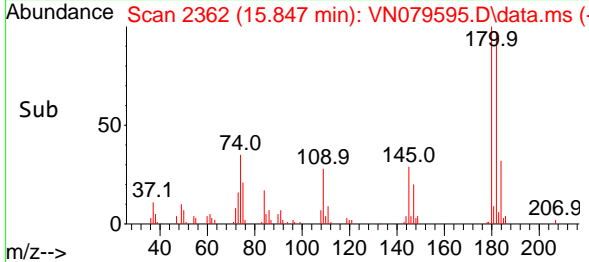


Tgt Ion:180 Resp: 31719
 Ion Ratio Lower Upper
 180 100
 182 91.7 74.2 111.4
 145 32.6 25.4 38.2

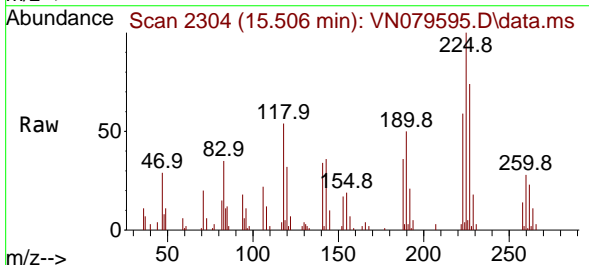
Manual Integrations

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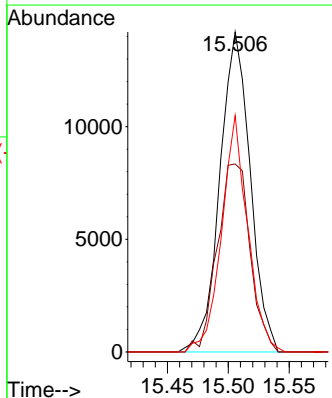
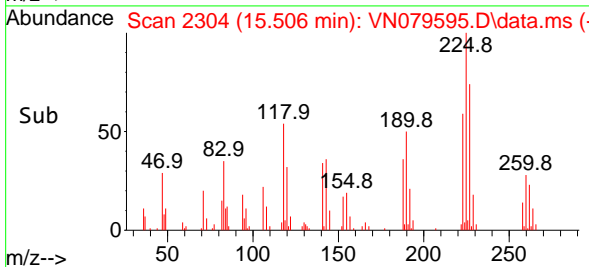
Reviewed By :John Carlone 10/19/2023
 Supervised By :Mahesh Dadoda 10/20/2023

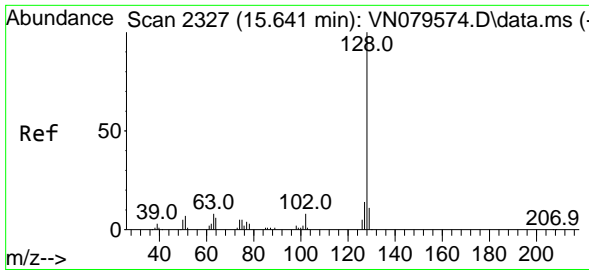


#90
 Hexachlorobutadiene
 Concen: 20.242 ug/l
 RT: 15.506 min Scan# 2304
 Delta R.T. 0.000 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47



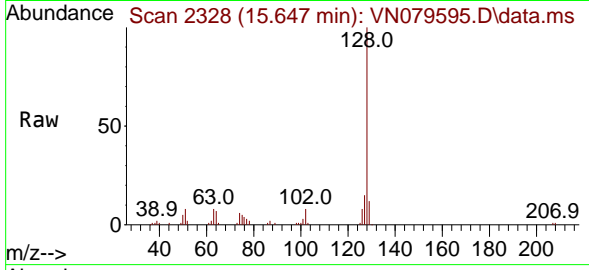
Tgt Ion:225 Resp: 24715
 Ion Ratio Lower Upper
 225 100
 223 63.7 0.0 126.0
 227 63.5 0.0 127.0





#91
 Naphthalene
 Concen: 14.577 ug/l
 RT: 15.647 min Scan# 2327
 Delta R.T. 0.006 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47

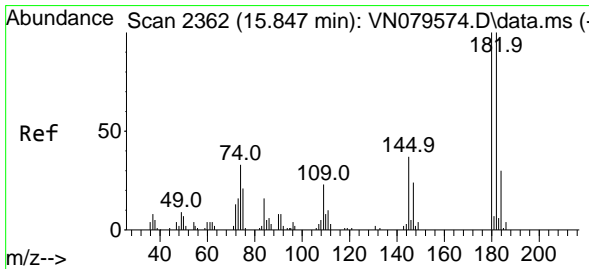
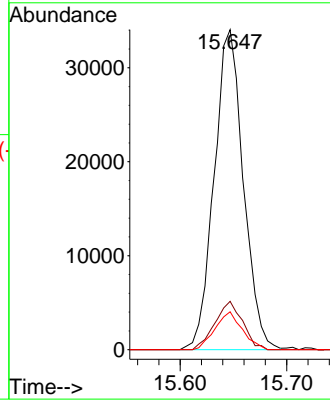
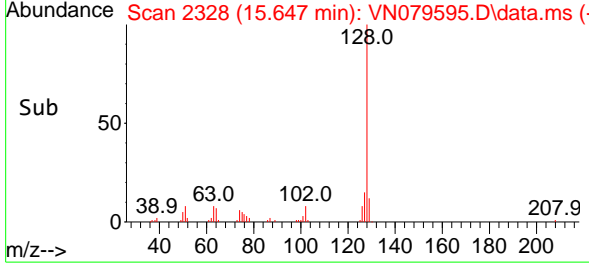
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020



Tgt Ion:128 Resp: 64814
 Ion Ratio Lower Upper
 128 100
 127 14.4 10.9 16.3
 129 11.1 8.6 12.8

Manual Integrations
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Reviewed By :John Carlone 10/19/2023
 Supervised By :Mahesh Dadoda 10/20/2023



#92
 1,2,3-Trichlorobenzene
 Concen: 18.401 ug/l
 RT: 15.847 min Scan# 2362
 Delta R.T. 0.000 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47

Tgt Ion:180 Resp: 31719
 Ion Ratio Lower Upper
 180 100
 182 91.7 0.0 185.6
 145 32.6 0.0 63.6

