

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN090822\  
 Data File : VN074358.D  
 Acq On : 08 Sep 2022 14:51  
 Operator : JC\MD  
 Sample : VSTDICV020  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 ICVVN090822

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 09/09/2022  
 Supervised By : Mahesh Dadoda 09/09/2022

Quant Time: Sep 09 05:28:00 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N090822W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Fri Sep 09 05:24:20 2022  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.587	128	68700	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.904	114	407401	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.686	117	381179	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.369	65	217720	30.867	ug/l	0.00
Spiked Amount	30.000	Range 91 - 110	Recovery	=	102.900%	
60) 4-Bromofluorobenzene	12.674	95	224936	29.508	ug/l	0.00
Spiked Amount	30.000	Range 63 - 112	Recovery	=	98.367%	
63) Toluene-d8	10.381	98	639285	29.859	ug/l	0.00
Spiked Amount	30.000	Range 91 - 112	Recovery	=	99.533%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.046	85	96925	19.930	ug/l	97
3) Chloromethane	2.263	50	130311	19.443	ug/l	89
4) Vinyl Chloride	2.405	62	142449	19.875	ug/l	99
5) Bromomethane	2.793	94	113498	25.687	ug/l	96
6) Chloroethane	2.957	64	104443	21.495	ug/l	98
7) Trichlorofluoromethane	3.310	101	158737	19.578	ug/l	99
8) Diethyl Ether	3.763	74	66469	19.665	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.140	101	96565	20.356	ug/l	61
10) 1,1-Dichloroethene	4.116	96	91093	19.893	ug/l	95
11) Methyl Iodide	4.346	142	110555	19.664	ug/l	90
12) Methyl Acetate	4.775	43	194971	19.594	ug/l #	89
13) Acrolein	3.975	56	129785	96.688	ug/l	100
14) Acrylonitrile	5.475	53	387475	100.465	ug/l	97
15) Acetone	4.216	58	103639	101.405	ug/l	100
16) Carbon Disulfide	4.452	76	264183	20.132	ug/l	96
17) Allyl chloride	4.763	41	193871	19.606	ug/l	93
18) Methylene Chloride	5.004	84	116497	19.986	ug/l	88
19) trans-1,2-Dichloroethene	5.504	96	102145m	19.509	ug/l	
20) Diisopropyl ether	6.410	45	406724	19.974	ug/l	90
21) 1,1-Dichloroethane	6.304	63	209440	19.582	ug/l	98
22) cis-1,2-Dichloroethene	7.245	96	121548	19.102	ug/l	91
23) tert-Butyl Alcohol	5.287	59	176337	105.588	ug/l #	100
24) Methyl tert-Butyl Ether	5.528	73	378797m	19.661	ug/l	
25) Chloroform	7.751	83	212630	19.568	ug/l	95
26) Cyclohexane	8.022	56	194398	19.800	ug/l #	95
29) 1,1-Dichloropropene	8.145	75	156537	19.329	ug/l	95
30) 2-Butanone	7.257	43	587972	102.521	ug/l	94
31) 2,2-Dichloropropane	7.245	77	195009	19.679	ug/l #	80
32) 1,1,1-Trichloroethane	7.939	97	189543	18.986	ug/l	95
33) Carbon Tetrachloride	8.134	117	161795	18.729	ug/l	98
34) Benzene	8.387	78	484343	19.452	ug/l #	94
35) Methacrylonitrile	7.563	41	114016	21.636	ug/l	94
36) 1,2-Dichloroethane	8.457	62	175122	19.224	ug/l	100
37) Trichloroethene	9.151	130	107977	18.871	ug/l	94
38) Methylcyclohexane	9.398	83	196371	19.262	ug/l	92
39) 1,2-Dichloropropane	9.428	63	126528	19.733	ug/l	97
40) Dibromomethane	9.516	93	88043	19.735	ug/l	94
41) Bromodichloromethane	9.698	83	171473	19.343	ug/l	95
42) Vinyl Acetate	6.345	43	1855308	98.013	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.334	43	223349	19.626	ug/l	100
44) Isopropyl Acetate	8.492	43	359709	19.887	ug/l	98
45) 1,4-Dioxane	9.504	88	69100	412.731	ug/l	95
46) Methyl methacrylate	9.498	41	151470	19.581	ug/l	92
47) n-amyl Acetate	12.333	43	317393	19.307	ug/l	95
48) t-1,3-Dichloropropene	10.657	75	192843	18.624	ug/l	97
49) cis-1,3-Dichloropropene	10.128	75	203004	19.210	ug/l	95
50) 1,1,2-Trichloroethane	10.839	97	121361	19.229	ug/l	97
51) Ethyl methacrylate	10.704	69	220920	19.673	ug/l	91
52) 1,3-Dichloropropane	10.986	76	215884	19.723	ug/l	100
53) Dibromochloromethane	11.180	129	125839	18.542	ug/l	99
54) 1,2-Dibromoethane	11.286	107	126169	19.070	ug/l	96
55) 2-Chloroethyl vinyl ether	9.981	63	500189	92.731	ug/l	98
56) Bromoform	12.398	173	93227	18.033	ug/l #	99
58) 4-Methyl-2-Pentanone	10.269	43	1156572	97.615	ug/l	98
59) 2-Hexanone	11.028	43	918286	99.475	ug/l	99
61) Tetrachloroethene	10.916	164	87890	18.584	ug/l	95
62) Toluene	10.445	91	534292	19.387	ug/l	98
64) Chlorobenzene	11.710	112	311885	19.124	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.780	131	119774	19.391	ug/l	99
66) Ethyl Benzene	11.786	91	591112	19.393	ug/l	99
67) m/p-Xylenes	11.892	106	448339	38.577	ug/l	99
68) o-Xylene	12.222	106	229183	19.322	ug/l	99
69) Styrene	12.239	104	364875	18.597	ug/l	97
70) Isopropylbenzene	12.522	105	582054	18.895	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.769	83	206741	19.246	ug/l	98
72) 1,2,3-Trichloropropane	12.827	75	190045m	21.541	ug/l	
73) Bromobenzene	12.804	156	125788	18.827	ug/l	86
74) n-propylbenzene	12.863	91	672823	18.792	ug/l	98
75) 2-Chlorotoluene	12.951	91	406321	19.017	ug/l	97
76) 1,3,5-Trimethylbenzene	13.004	105	490809	18.949	ug/l	99
77) t-1,4-Dichloro-2-butene	12.569	75	72271	18.524	ug/l	99
78) 4-Chlorotoluene	13.045	91	391708	18.626	ug/l	96
79) tert-butylbenzene	13.269	119	427991	18.584	ug/l	99
80) 1,2,4-Trimethylbenzene	13.310	105	484713	18.590	ug/l #	81
81) sec-Butylbenzene	13.445	105	607103	18.902	ug/l	99
82) p-Isopropyltoluene	13.557	119	495245	18.653	ug/l	100
83) 1,3-Dichlorobenzene	13.557	146	235219	18.719	ug/l	99
84) 1,4-Dichlorobenzene	13.639	146	230810	18.543	ug/l	100
85) n-Butylbenzene	13.886	91	407242	17.478	ug/l	97
86) Hexachloroethane	14.151	117	99293	19.151	ug/l	94
87) 1,2-Dichlorobenzene	13.933	146	242105	18.635	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.545	75	49802	18.930	ug/l	97
89) 1,2,4-Trichlorobenzene	15.198	180	122052	17.969	ug/l	99
90) Hexachlorobutadiene	15.304	225	51861	17.890	ug/l	97
91) Naphthalene	15.439	128	498371	18.303	ug/l	99
92) 1,2,3-Trichlorobenzene	15.633	180	126582	18.355	ug/l	99

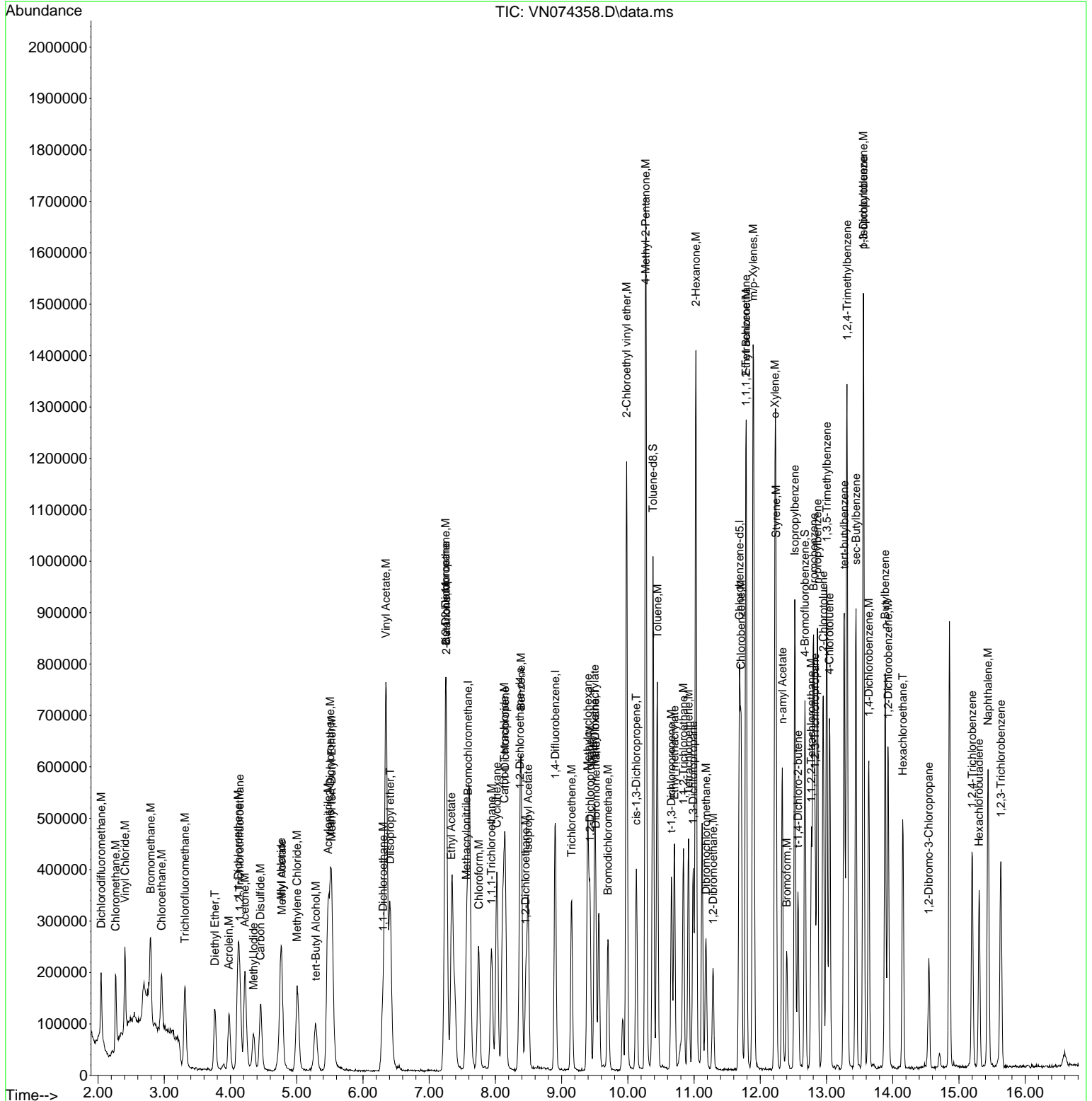
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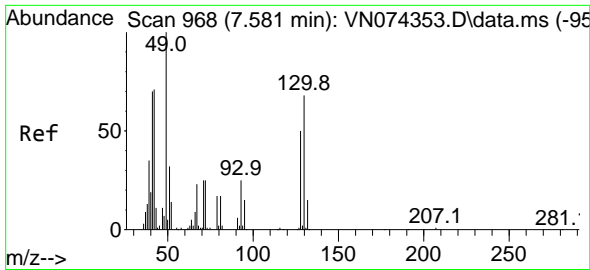
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**Manual Integrations**  
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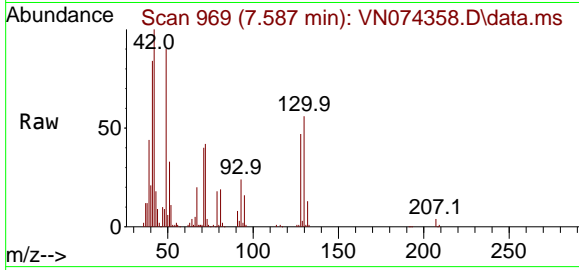
#1  
 Bromochloromethane  
 Concen: 30.000 ug/l  
 RT: 7.587 min Scan# 90  
 Delta R.T. 0.006 min  
 Lab File: VN074358.D  
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Instrument :

MSVOA\_N

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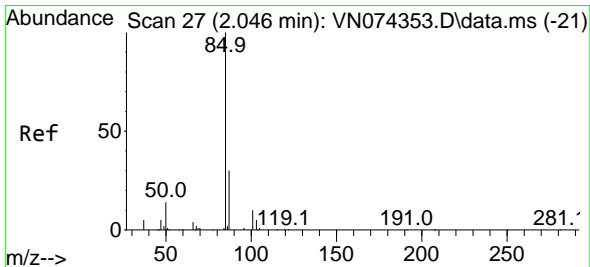
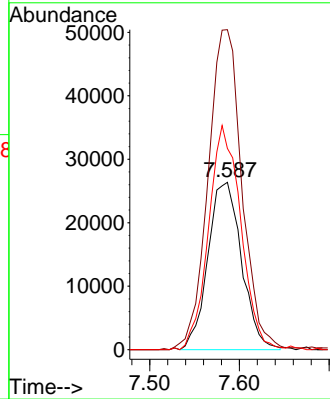
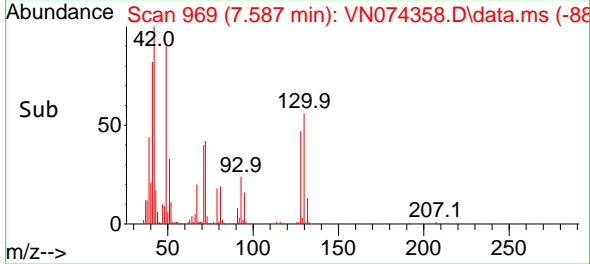
Tgt Ion:128 Resp: 68700  
 Ion Ratio Lower Upper  
 128 100  
 49 192.2 0.0 392.3  
 130 128.4 0.0 320.2

Manual Integrations

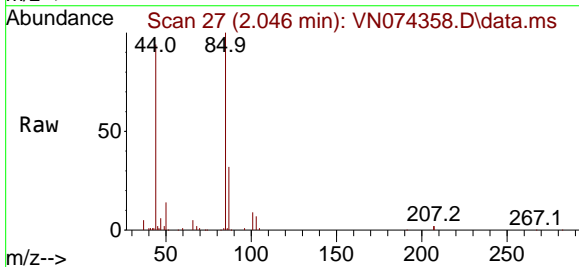
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Reviewed By :John Carlone 09/09/2022

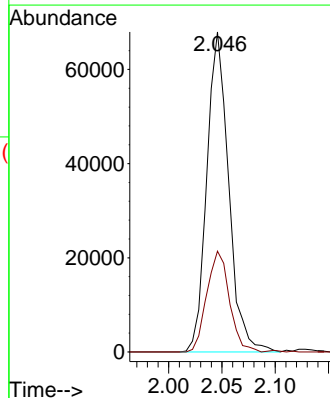
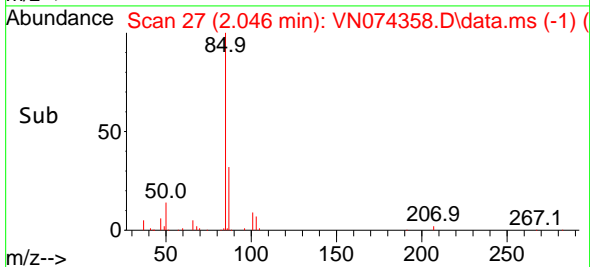
Supervised By :Mahesh Dadoda 09/09/2022

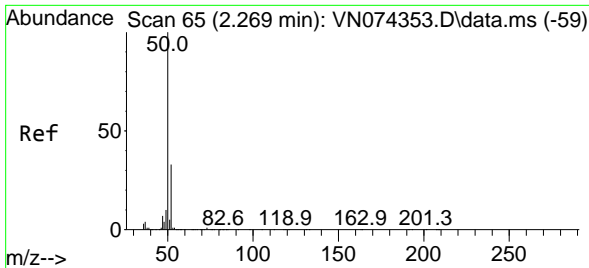


#2  
 Dichlorodifluoromethane  
 Concen: 19.930 ug/l  
 RT: 2.046 min Scan# 27  
 Delta R.T. 0.000 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51



Tgt Ion: 85 Resp: 96925  
 Ion Ratio Lower Upper  
 85 100  
 87 31.5 16.6 49.7





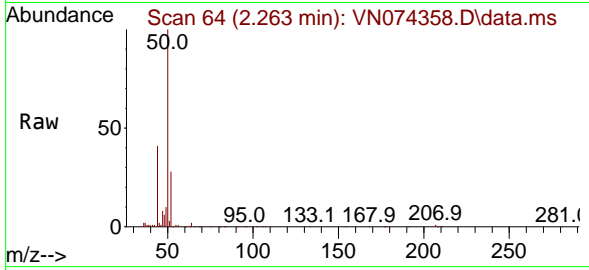
#3  
 Chloromethane  
 Concen: 19.443 ug/l  
 RT: 2.263 min Scan# 64  
 Delta R.T. -0.006 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51

Instrument :

MSVOA\_N

Client Sample Id :

ICVVN090822



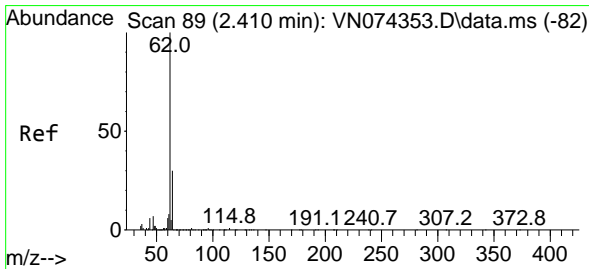
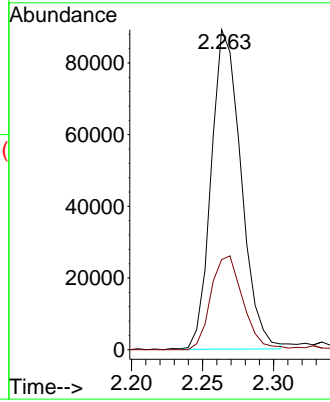
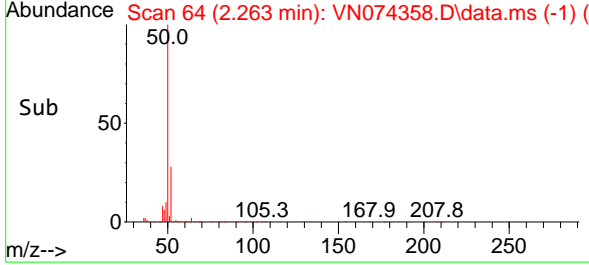
Tgt Ion: 50 Resp: 13031  
 Ion Ratio Lower Upper  
 50 100  
 52 28.2 27.8 41.6

Manual Integrations

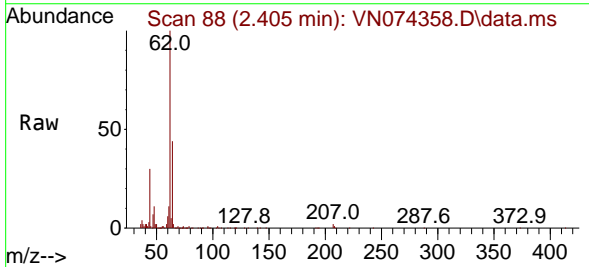
APPROVED

Reviewed By :John Carlone 09/09/2022

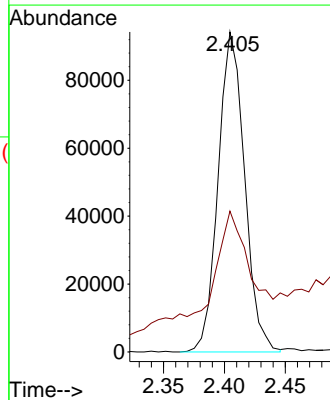
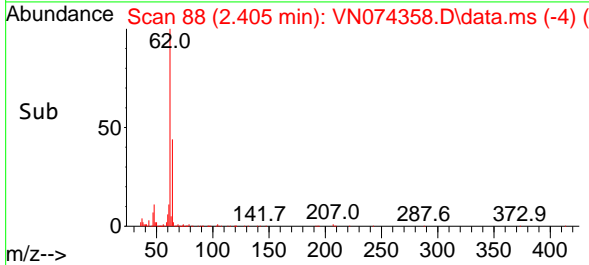
Supervised By :Mahesh Dadoda 09/09/2022

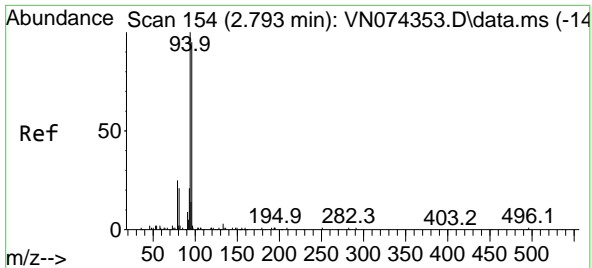


#4  
 Vinyl Chloride  
 Concen: 19.875 ug/l  
 RT: 2.405 min Scan# 88  
 Delta R.T. -0.006 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51



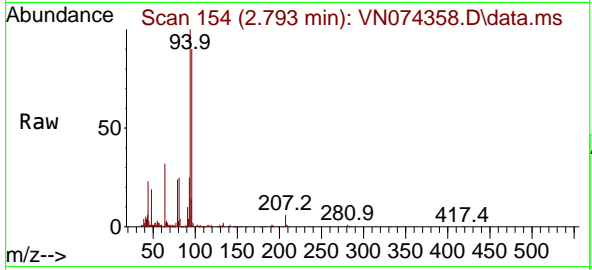
Tgt Ion: 62 Resp: 142449  
 Ion Ratio Lower Upper  
 62 100  
 64 32.1 25.1 37.7





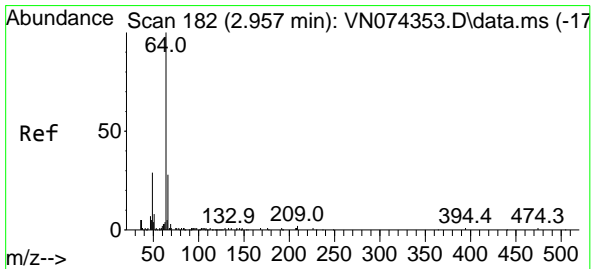
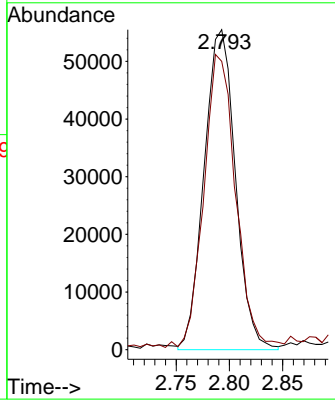
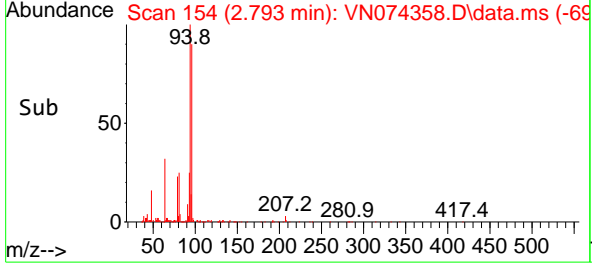
#5  
 Bromomethane  
 Concen: 25.687 ug/l  
 RT: 2.793 min Scan# 11  
 Delta R.T. -0.000 min  
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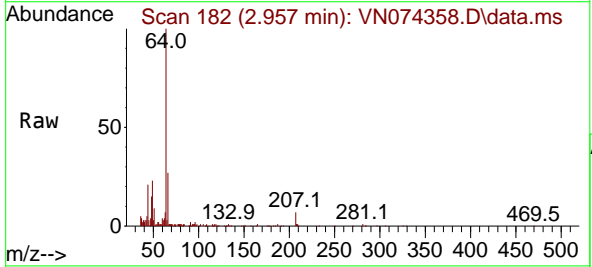


Tgt Ion: 94 Resp: 113498  
 Ion Ratio Lower Upper  
 94 100  
 96 90.0 75.2 112.8

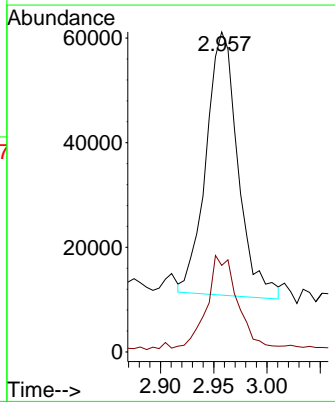
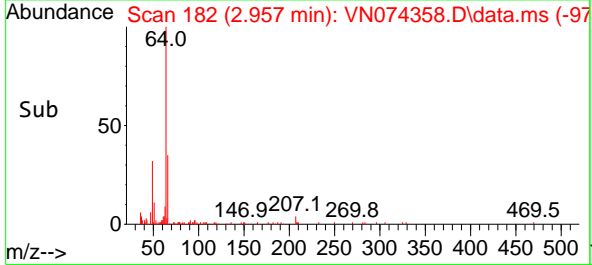
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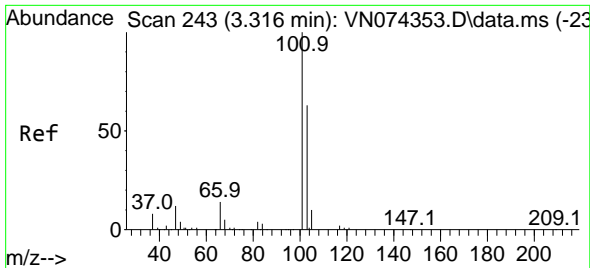


#6  
 Chloroethane  
 Concen: 21.495 ug/l  
 RT: 2.957 min Scan# 182  
 Delta R.T. 0.000 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51



Tgt Ion: 64 Resp: 104443  
 Ion Ratio Lower Upper  
 64 100  
 66 31.7 24.6 36.8





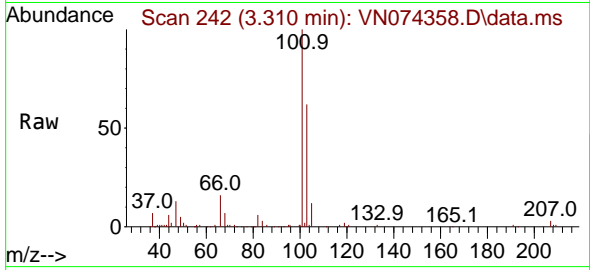
#7  
 Trichlorofluoromethane  
 Concen: 19.578 ug/l  
 RT: 3.310 min Scan# 243  
 Delta R.T. -0.006 min  
 Lab File: VN074358.D  
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Instrument :

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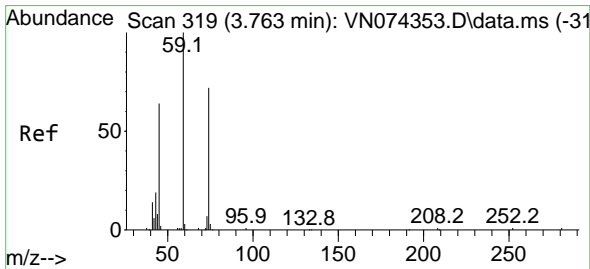
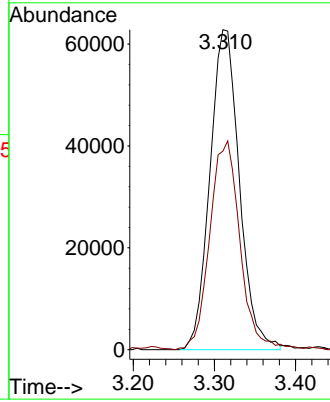
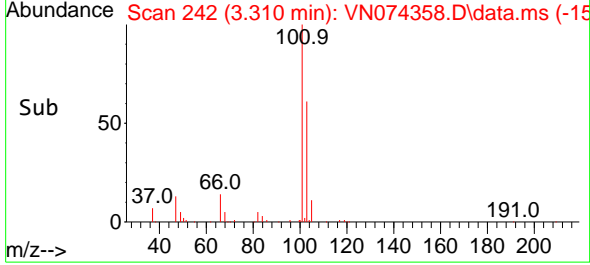
Tgt Ion: 101 Resp: 15873  
 Ion Ratio Lower Upper  
 101 100  
 103 61.5 50.1 75.1

Manual Integrations

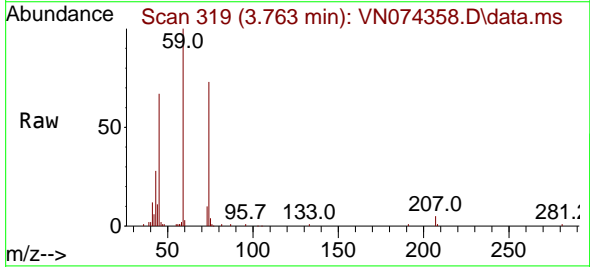
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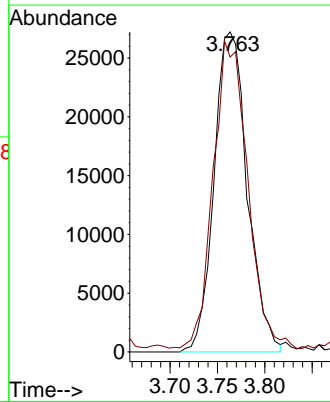
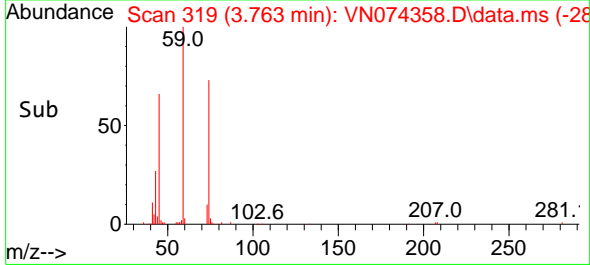
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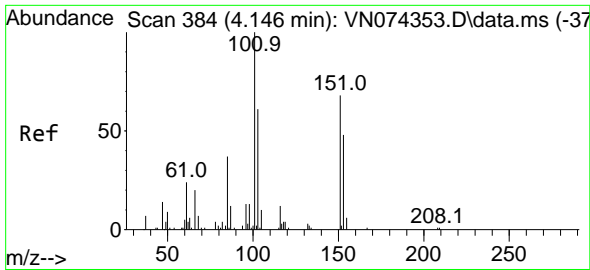


#8  
 Diethyl Ether  
 Concen: 19.665 ug/l  
 RT: 3.763 min Scan# 319  
 Delta R.T. 0.000 min  
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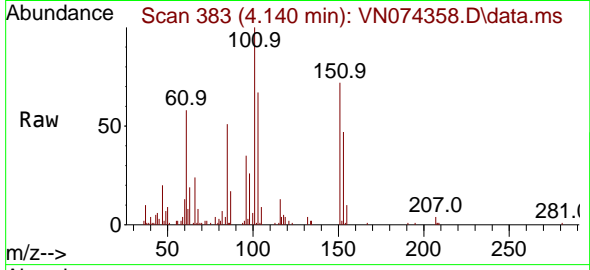
Tgt Ion: 74 Resp: 66469  
 Ion Ratio Lower Upper  
 74 100  
 45 100.3 17.6 158.8





#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 20.356 ug/l  
 RT: 4.140 min Scan# 383  
 Delta R.T. -0.006 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51

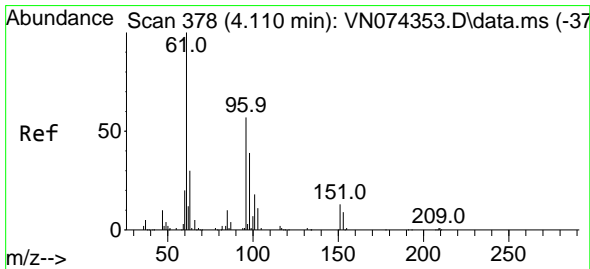
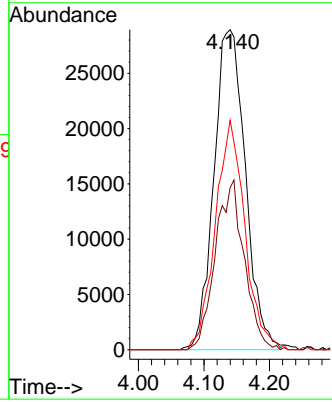
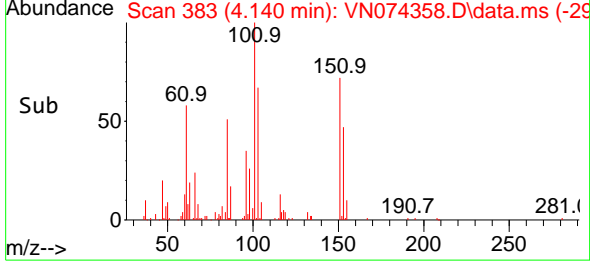
Instrument : MSVOA\_N  
 Client Sample Id : ICVVN090822



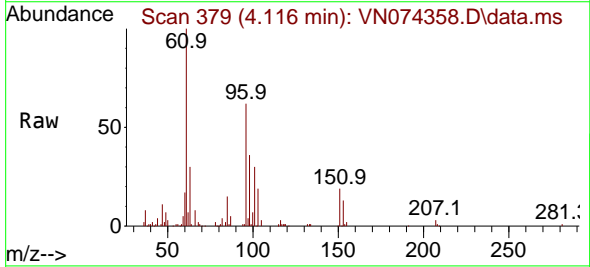
Tgt Ion: 101 Resp: 9656  
 Ion Ratio Lower Upper  
 101 100  
 85 26.9 0.0 94.0  
 151 67.2 0.0 74.6

Manual Integrations  
**APPROVED**

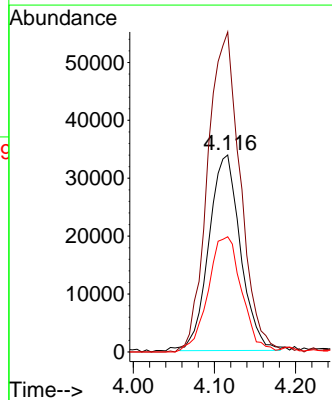
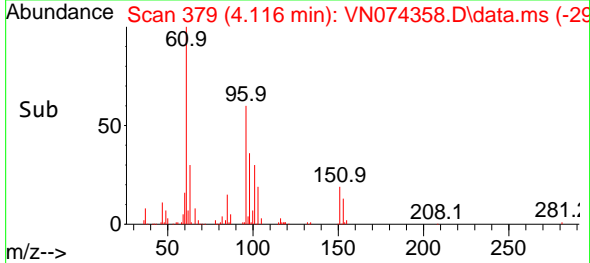
Reviewed By : John Carlone 09/09/2022  
 Supervised By : Mahesh Dadoda 09/09/2022



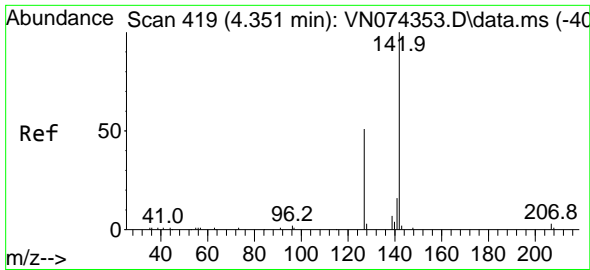
#10  
 1,1-Dichloroethene  
 Concen: 19.893 ug/l  
 RT: 4.116 min Scan# 379  
 Delta R.T. 0.006 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51



Tgt Ion: 96 Resp: 91093  
 Ion Ratio Lower Upper  
 96 100  
 61 164.8 126.2 189.4  
 98 59.0 50.9 76.3

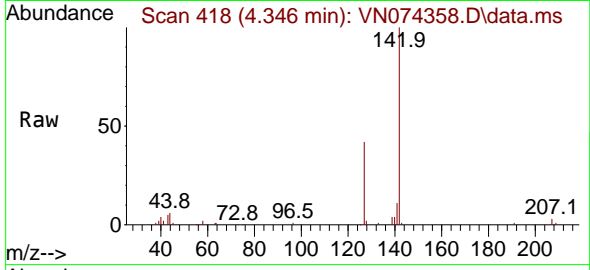






#11  
 Methyl Iodide  
 Concen: 19.664 ug/l  
 RT: 4.346 min Scan# 411  
 Delta R.T. -0.006 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51

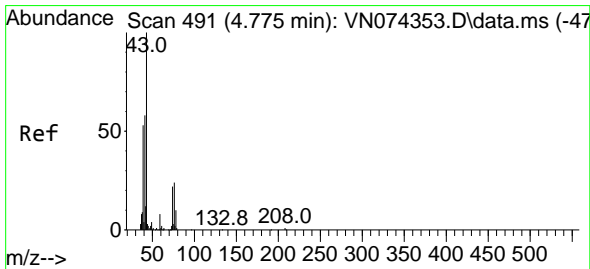
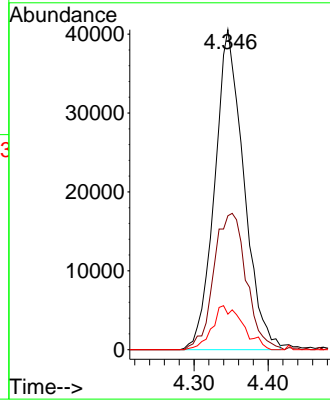
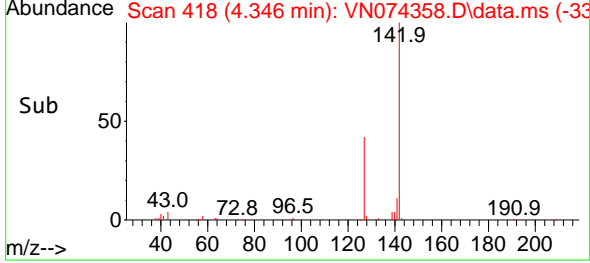
Instrument : MSVOA\_N  
 Client Sample Id : ICVVN090822



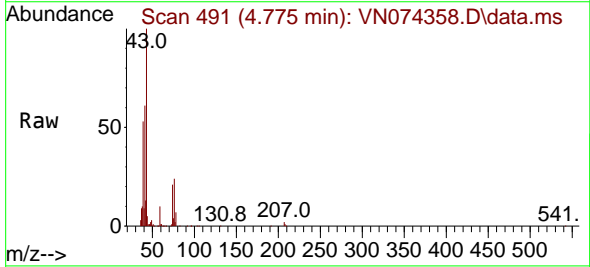
Tgt Ion: 142 Resp: 11055  
 Ion Ratio Lower Upper  
 142 100  
 127 41.8 24.0 72.0  
 141 11.2 8.4 25.2

Manual Integrations  
**APPROVED**

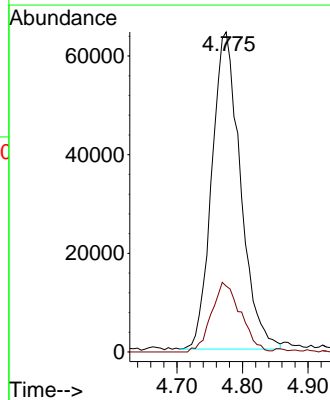
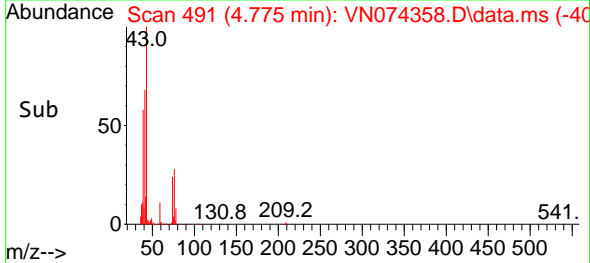
Reviewed By : John Carlone 09/09/2022  
 Supervised By : Mahesh Dadoda 09/09/2022

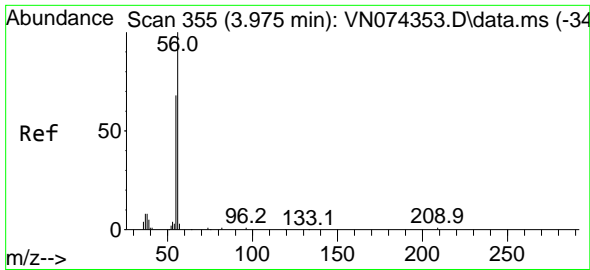


#12  
 Methyl Acetate  
 Concen: 19.594 ug/l  
 RT: 4.775 min Scan# 491  
 Delta R.T. 0.000 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51



Tgt Ion: 43 Resp: 194971  
 Ion Ratio Lower Upper  
 43 100  
 74 20.4 20.8 31.2#





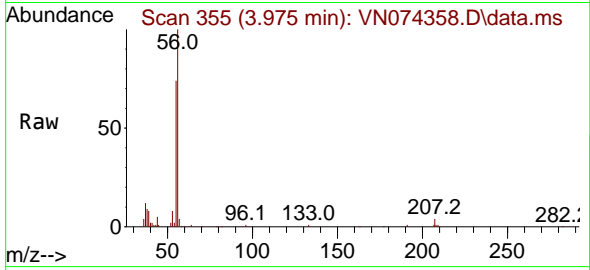
#13  
 Acrolein  
 Concen: 96.688 ug/l  
 RT: 3.975 min Scan# 310  
 Delta R.T. 0.000 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51

Instrument :

MSVOA\_N

ClientSampleId :

ICVVN090822



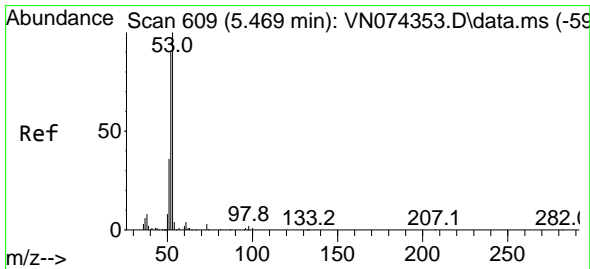
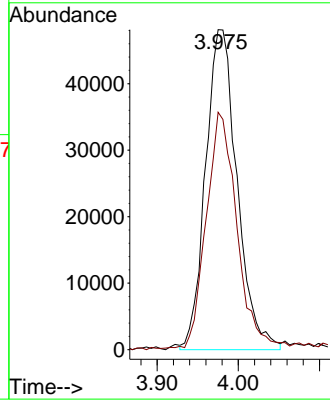
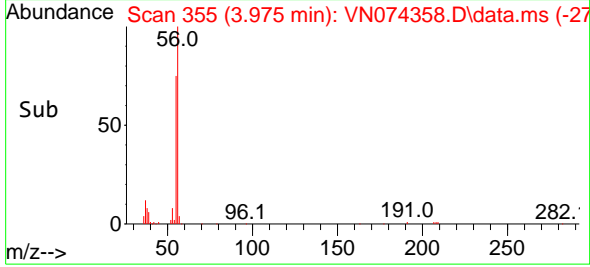
Tgt Ion: 56 Resp: 12978  
 Ion Ratio Lower Upper  
 56 100  
 55 71.9 57.6 86.4

Manual Integrations

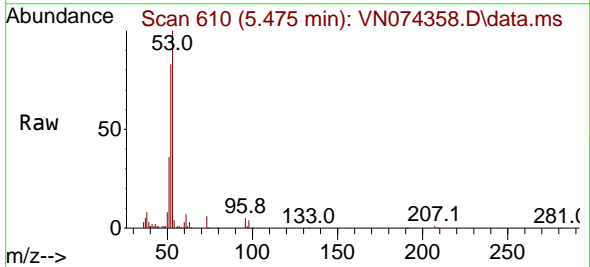
APPROVED

Reviewed By :John Carlone 09/09/2022

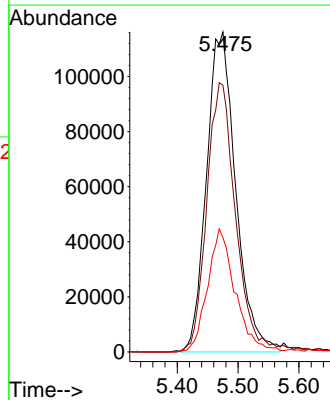
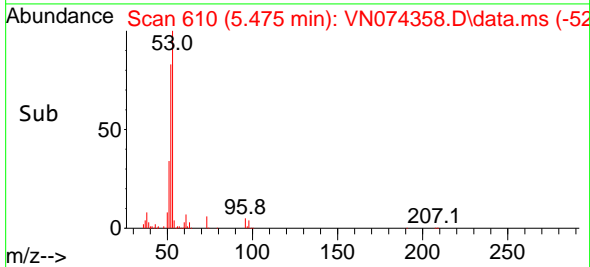
Supervised By :Mahesh Dadoda 09/09/2022

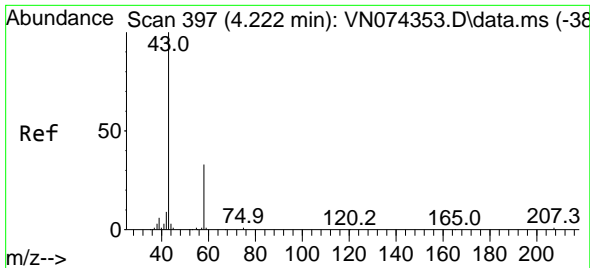


#14  
 Acrylonitrile  
 Concen: 100.465 ug/l  
 RT: 5.475 min Scan# 610  
 Delta R.T. 0.006 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51



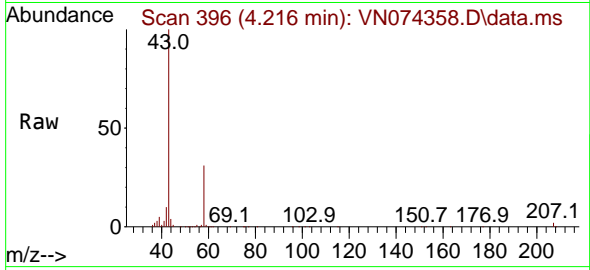
Tgt Ion: 53 Resp: 387475  
 Ion Ratio Lower Upper  
 53 100  
 52 80.9 41.8 125.4  
 51 36.2 19.0 57.0





#15  
 Acetone  
 Concen: 101.405 ug/l  
 RT: 4.216 min Scan# 396  
 Delta R.T. -0.006 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51

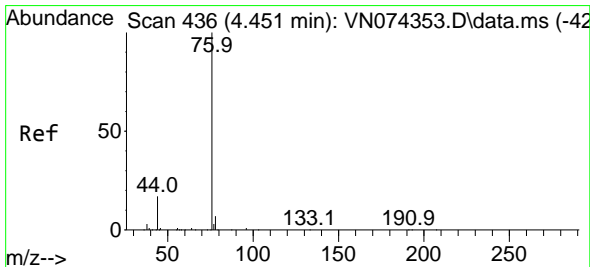
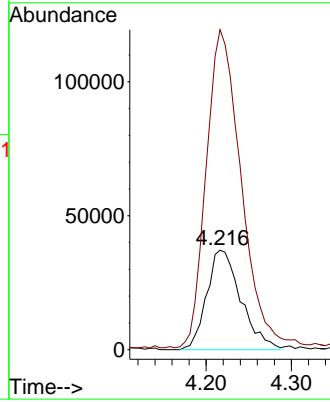
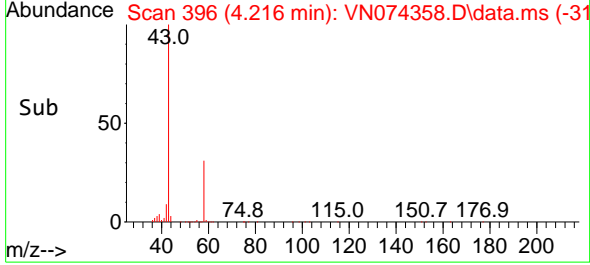
Instrument : MSVOA\_N  
 Client Sample Id : ICVVN090822



Tgt Ion: 58 Resp: 103639  
 Ion Ratio Lower Upper  
 58 100  
 43 320.2 256.6 384.8

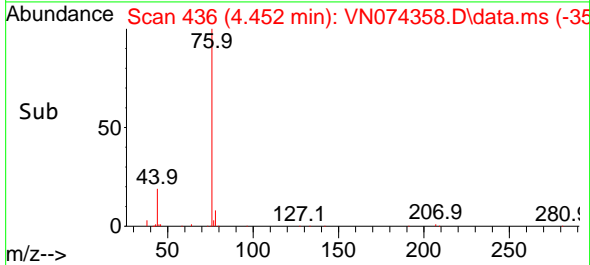
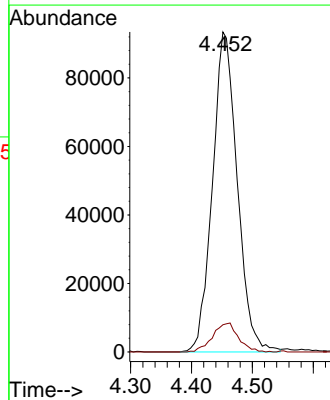
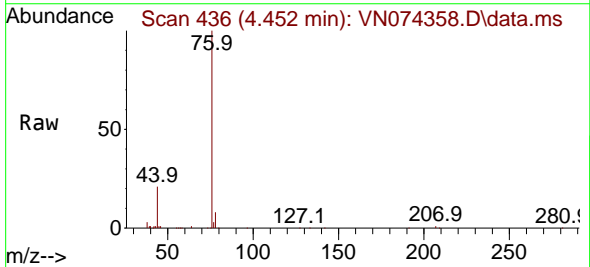
Manual Integrations  
 APPROVED

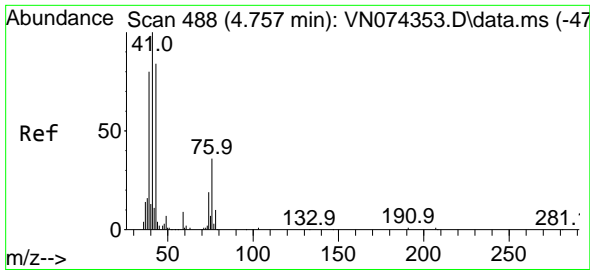
Reviewed By :John Carlone 09/09/2022  
 Supervised By :Mahesh Dadoda 09/09/2022



#16  
 Carbon Disulfide  
 Concen: 20.132 ug/l  
 RT: 4.452 min Scan# 436  
 Delta R.T. 0.000 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51

Tgt Ion: 76 Resp: 264183  
 Ion Ratio Lower Upper  
 76 100  
 78 8.5 7.8 11.8





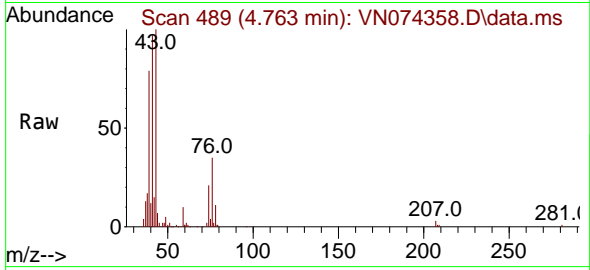
#17  
 Allyl chloride  
 Concen: 19.606 ug/l  
 RT: 4.763 min Scan# 41  
 Delta R.T. 0.006 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51

Instrument :

MSVOA\_N

ClientSampleId :

ICVVN090822



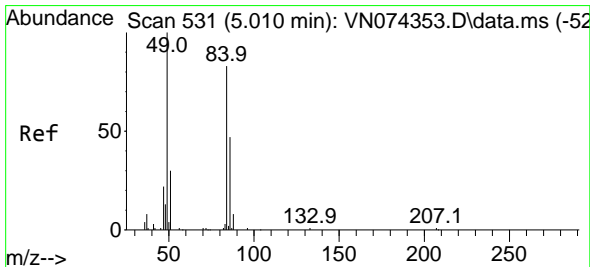
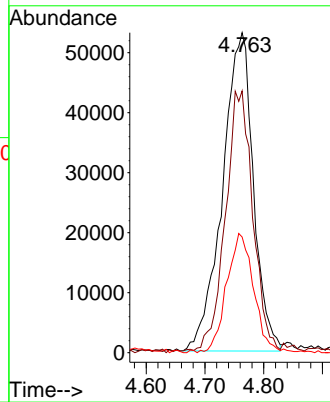
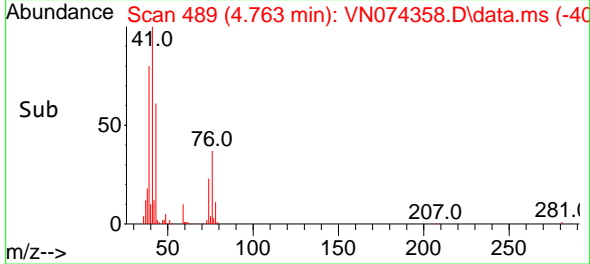
Tgt Ion: 41 Resp: 19387  
 Ion Ratio Lower Upper  
 41 100  
 39 81.7 44.6 134.0  
 76 36.0 19.6 58.7

Manual Integrations

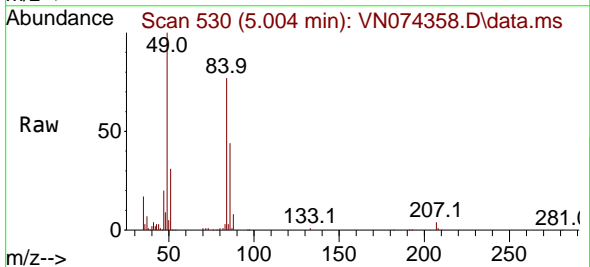
APPROVED

Reviewed By :John Carlone 09/09/2022

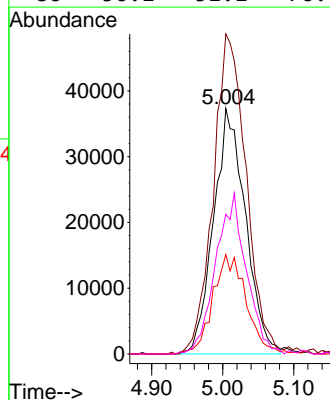
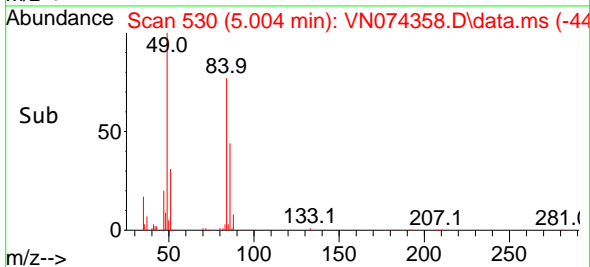
Supervised By :Mahesh Dadoda 09/09/2022

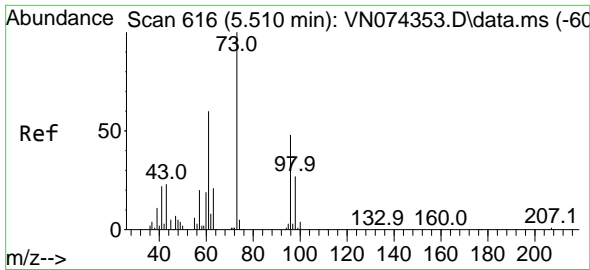


#18  
 Methylene Chloride  
 Concen: 19.986 ug/l  
 RT: 5.004 min Scan# 530  
 Delta R.T. -0.006 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51



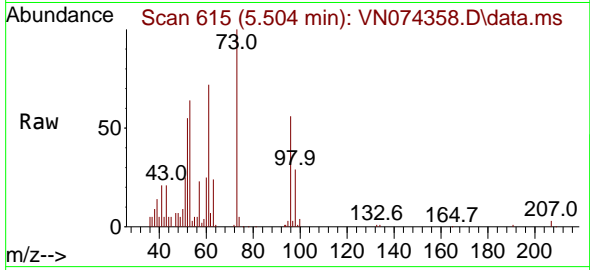
Tgt Ion: 84 Resp: 116497  
 Ion Ratio Lower Upper  
 84 100  
 49 129.8 91.4 137.0  
 51 39.9 29.4 44.0  
 86 56.1 51.1 76.7





#19  
 trans-1,2-Dichloroethene  
 Concen: 19.509 ug/l m  
 RT: 5.504 min Scan# 616  
 Delta R.T. -0.006 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51

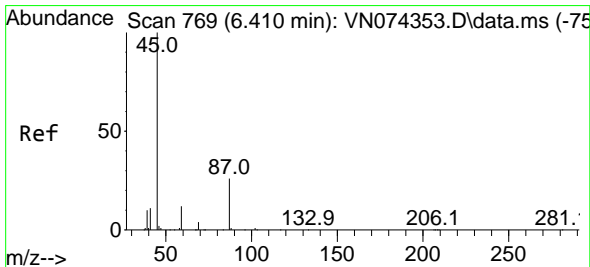
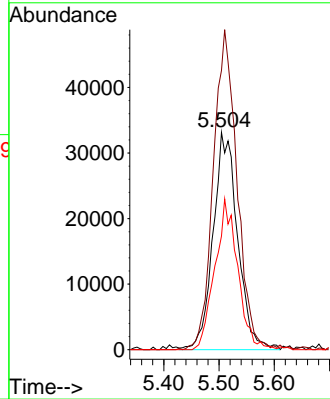
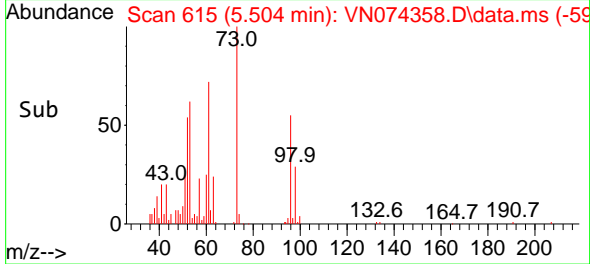
Instrument : MSVOA\_N  
 ClientSampleId : ICVVN090822



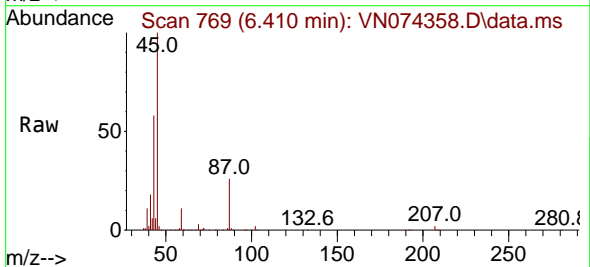
Tgt Ion: 96 Resp: 10214  
 Ion Ratio Lower Upper  
 96 100  
 61 128.5 102.8 154.2  
 98 52.3 49.3 73.9

Manual Integrations  
 APPROVED

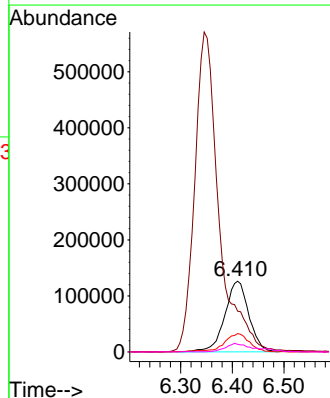
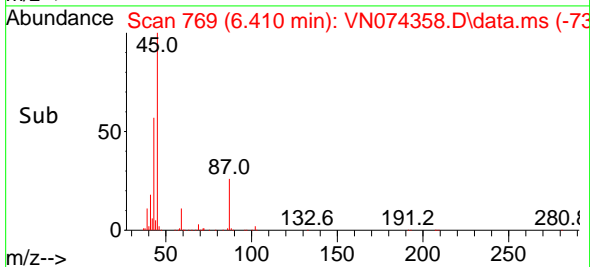
Reviewed By :John Carlone 09/09/2022  
 Supervised By :Mahesh Dadoda 09/09/2022

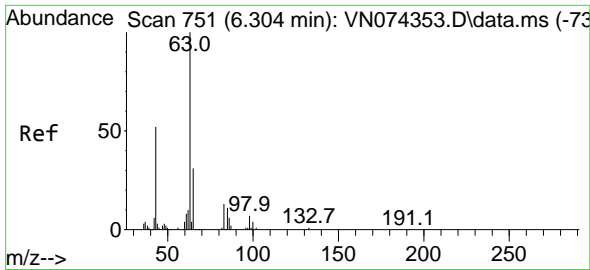


#20  
 Diisopropyl ether  
 Concen: 19.974 ug/l  
 RT: 6.410 min Scan# 769  
 Delta R.T. 0.000 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51



Tgt Ion: 45 Resp: 406724  
 Ion Ratio Lower Upper  
 45 100  
 43 54.7 51.0 76.4  
 87 25.4 25.0 37.4  
 59 10.7 8.7 13.1





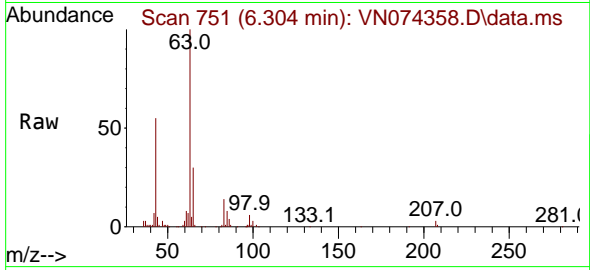
#21  
 1,1-Dichloroethane  
 Concen: 19.582 ug/l  
 RT: 6.304 min Scan# 751  
 Delta R.T. 0.000 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51

Instrument :

MSVOA\_N

ClientSampleId :

ICVVN090822



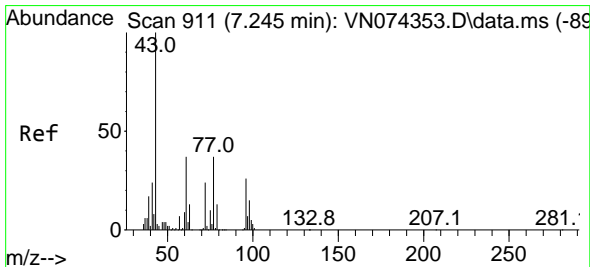
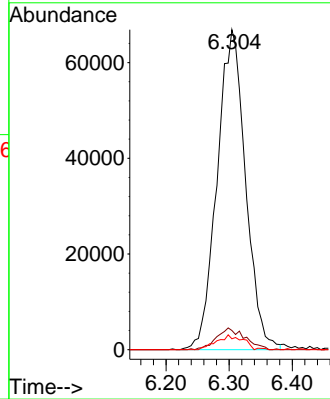
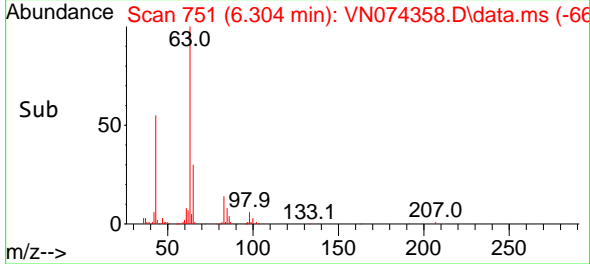
Tgt Ion: 63 Resp: 209440  
 Ion Ratio Lower Upper  
 63 100  
 98 6.0 3.2 9.6  
 100 3.4 2.1 6.2

Manual Integrations

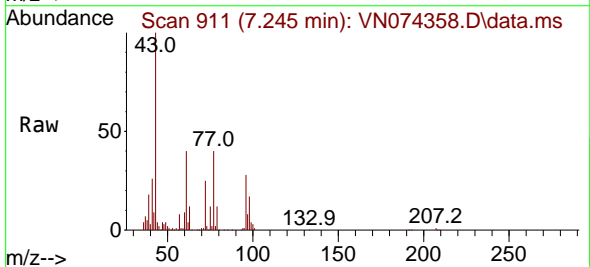
APPROVED

Reviewed By :John Carlone 09/09/2022

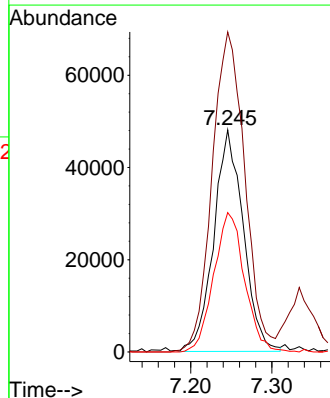
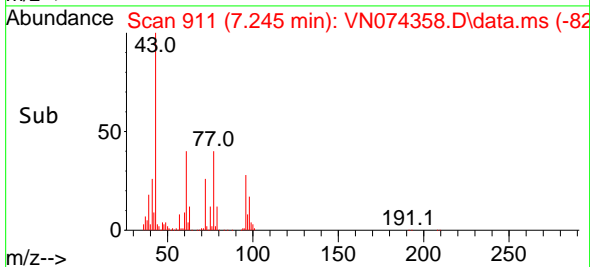
Supervised By :Mahesh Dadoda 09/09/2022

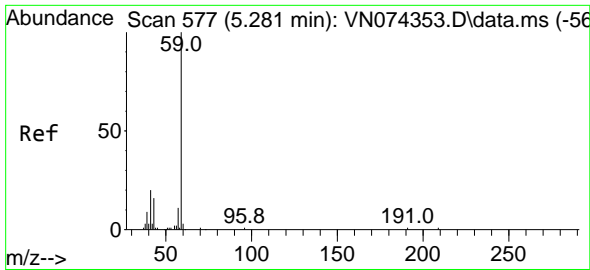


#22  
 cis-1,2-Dichloroethene  
 Concen: 19.102 ug/l  
 RT: 7.245 min Scan# 911  
 Delta R.T. 0.000 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51



Tgt Ion: 96 Resp: 121548  
 Ion Ratio Lower Upper  
 96 100  
 61 159.7 115.7 173.5  
 98 65.6 51.6 77.4





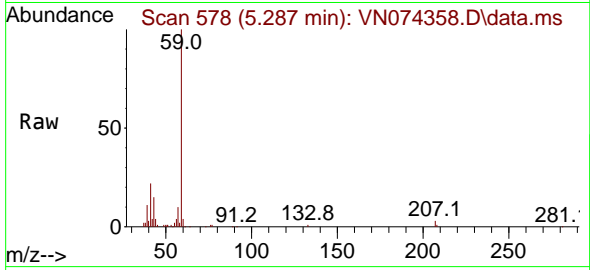
#23  
 tert-Butyl Alcohol  
 Concen: 105.588 ug/l  
 RT: 5.287 min Scan# 519  
 Delta R.T. 0.006 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51

Instrument :

MSVOA\_N

Client Sample Id :

ICVVN090822



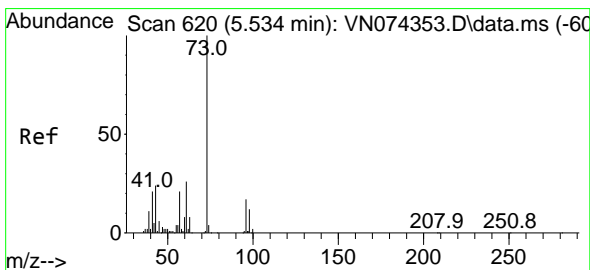
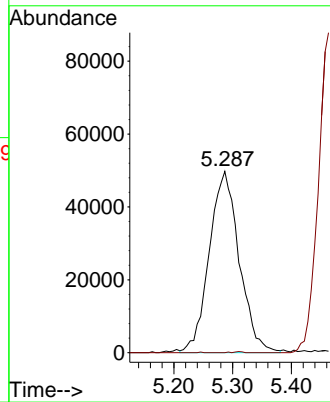
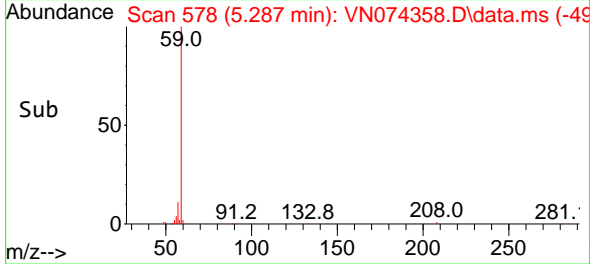
Tgt Ion: 59 Resp: 17633  
 Ion Ratio Lower Upper  
 59 100  
 52 0.0 0.0 0.0

Manual Integrations

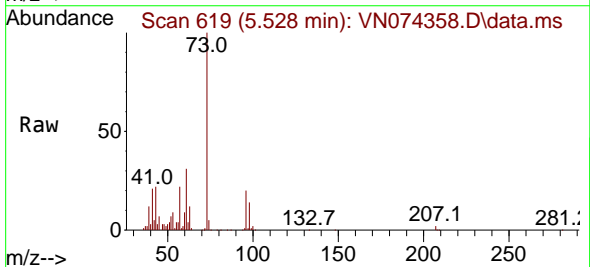
APPROVED

Reviewed By :John Carlone 09/09/2022

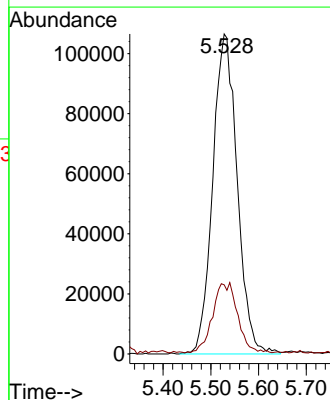
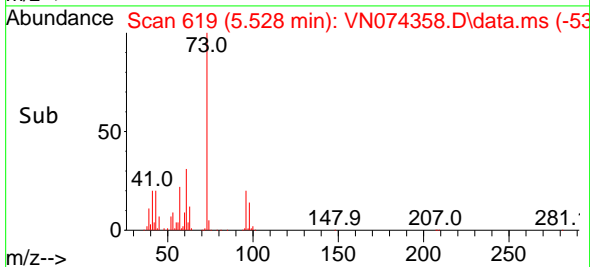
Supervised By :Mahesh Dadoda 09/09/2022

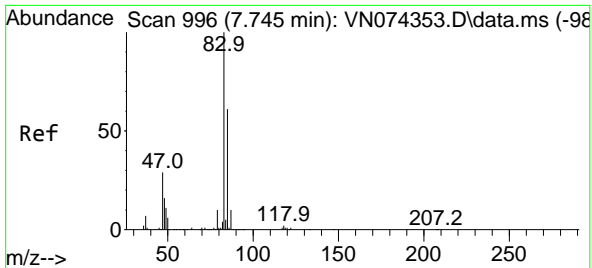


#24  
 Methyl tert-Butyl Ether  
 Concen: 19.661 ug/l m  
 RT: 5.528 min Scan# 619  
 Delta R.T. -0.006 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51



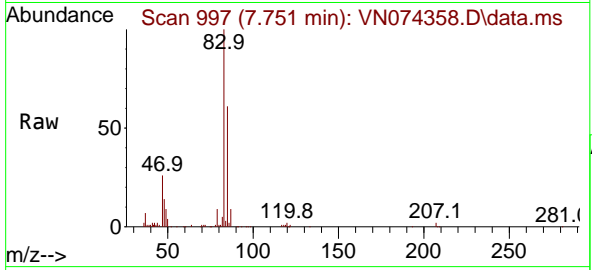
Tgt Ion: 73 Resp: 378797  
 Ion Ratio Lower Upper  
 73 100  
 43 0.1 18.1 27.1





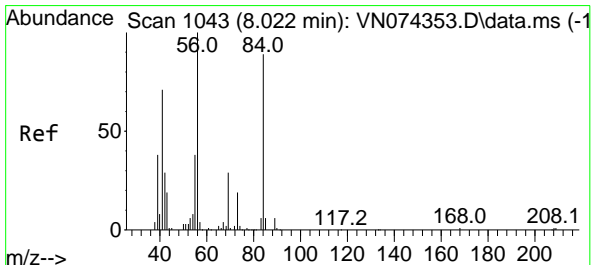
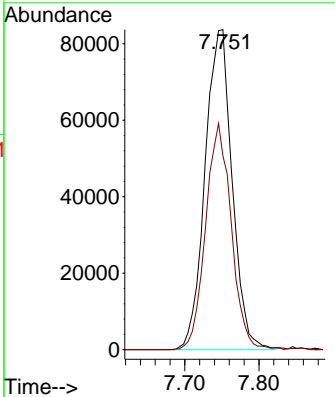
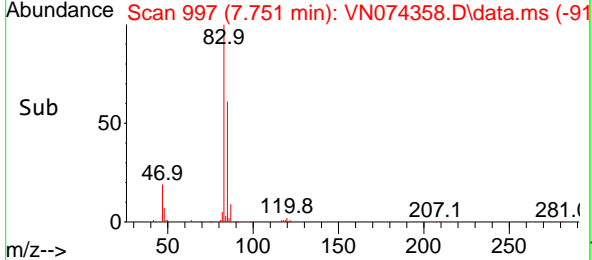
#25  
 Chloroform  
 Concen: 19.568 ug/l  
 RT: 7.751 min Scan# 997  
 Delta R.T. 0.006 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51

Instrument : MSVOA\_N  
 Client Sample Id : ICVVN090822

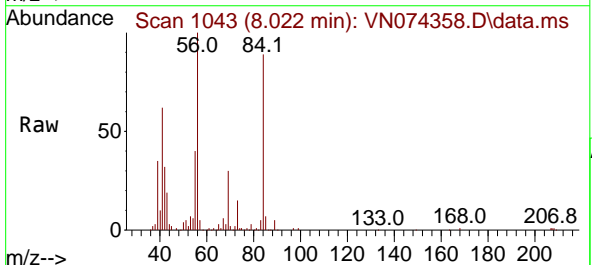


Tgt Ion: 83 Resp: 212630  
 Ion Ratio Lower Upper  
 83 100  
 85 60.4 51.3 76.9

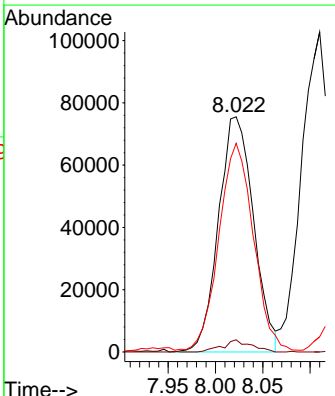
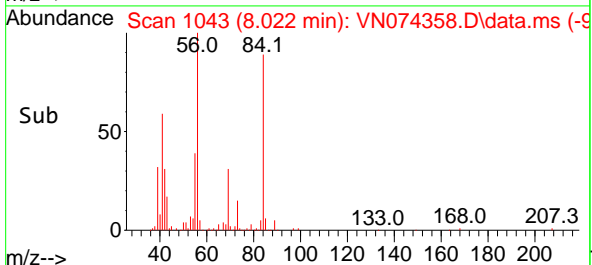
Manual Integrations  
**APPROVED**  
 Reviewed By : John Carlone 09/09/2022  
 Supervised By : Mahesh Dadoda 09/09/2022



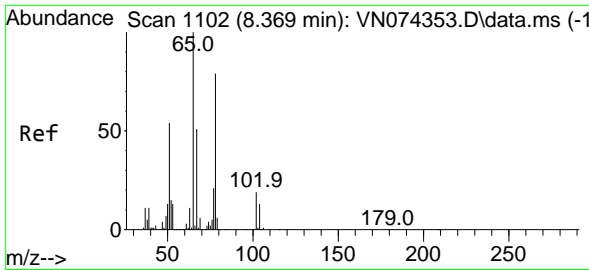
#26  
 Cyclohexane  
 Concen: 19.800 ug/l  
 RT: 8.022 min Scan# 1043  
 Delta R.T. 0.000 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51



Tgt Ion: 56 Resp: 194398  
 Ion Ratio Lower Upper  
 56 100  
 89 1.1 0.1 0.1#  
 84 88.1 74.6 111.8







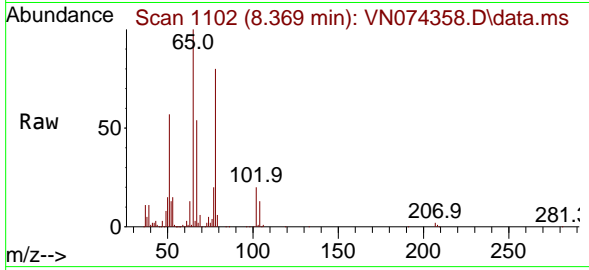
#27  
 1,2-Dichloroethane-d4  
 Concen: 30.867 ug/l  
 RT: 8.369 min Scan# 1102  
 Delta R.T. 0.000 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51

Instrument :

MSVOA\_N

ClientSampleId :

ICVVN090822



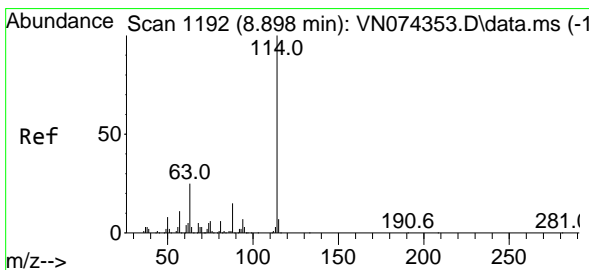
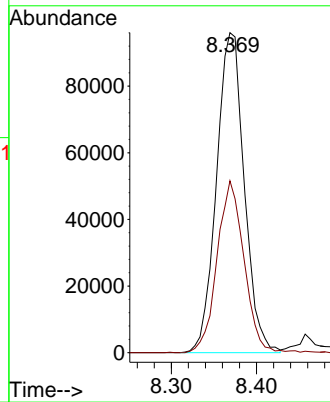
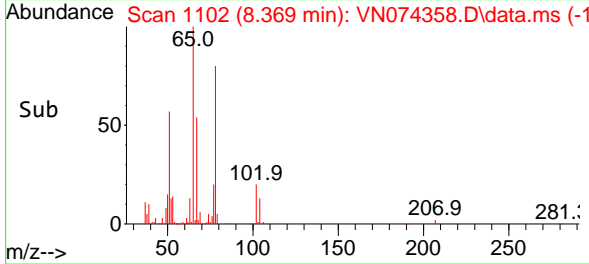
Tgt Ion: 65 Resp: 217720  
 Ion Ratio Lower Upper  
 65 100  
 67 51.8 40.2 60.2

Manual Integrations

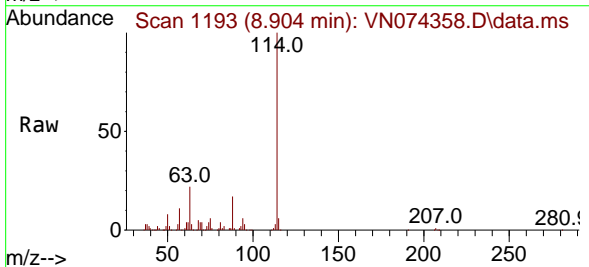
APPROVED

Reviewed By :John Carlone 09/09/2022

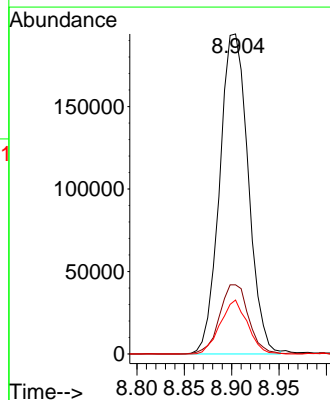
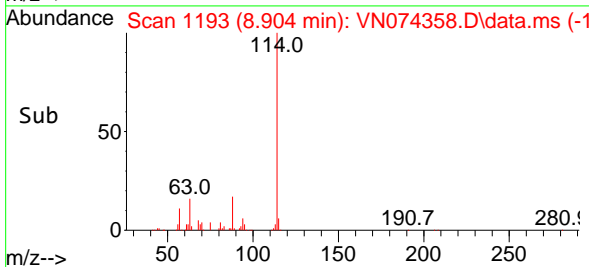
Supervised By :Mahesh Dadoda 09/09/2022

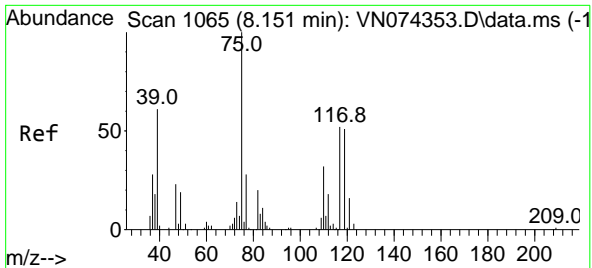


#28  
 1,4-Difluorobenzene  
 Concen: 30.000 ug/l  
 RT: 8.904 min Scan# 1193  
 Delta R.T. 0.006 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51



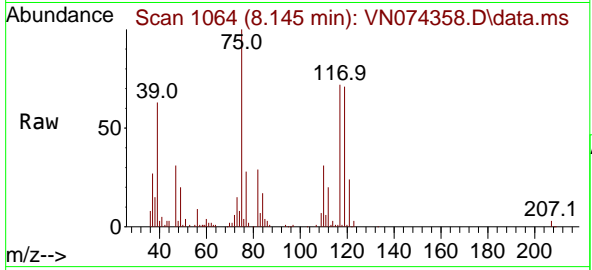
Tgt Ion:114 Resp: 407401  
 Ion Ratio Lower Upper  
 114 100  
 63 22.0 15.8 23.6  
 88 16.1 11.6 17.4





#29  
 1,1-Dichloropropene  
 Concen: 19.329 ug/l  
 RT: 8.145 min Scan# 1064  
 Delta R.T. -0.006 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51

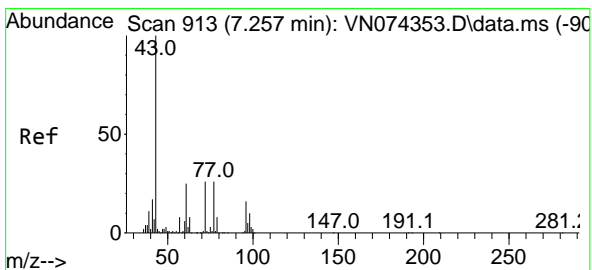
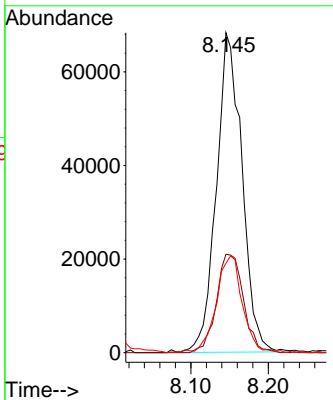
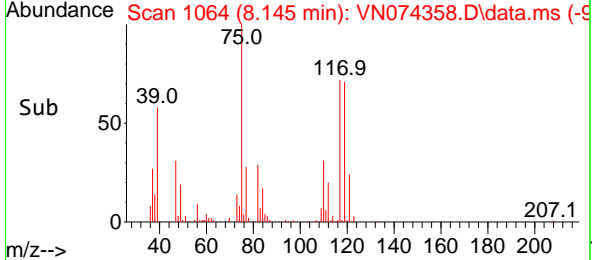
Instrument : MSVOA\_N  
 ClientSampleId : ICVVN090822



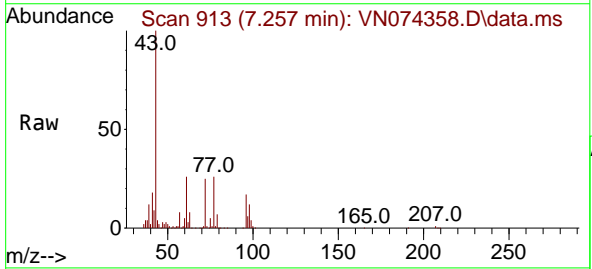
Tgt Ion: 75 Resp: 15653  
 Ion Ratio Lower Upper  
 75 100  
 110 32.6 0.0 74.2  
 77 30.1 0.0 63.2

Manual Integrations  
 APPROVED

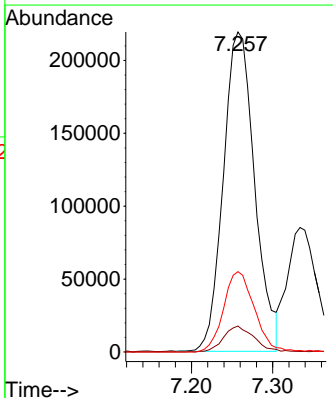
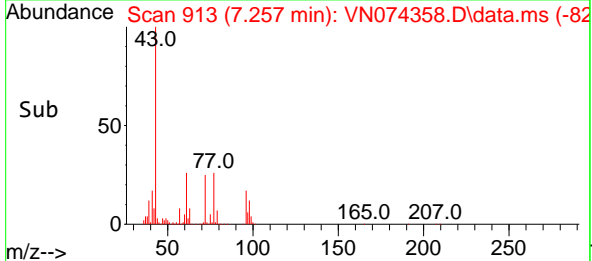
Reviewed By :John Carlone 09/09/2022  
 Supervised By :Mahesh Dadoda 09/09/2022

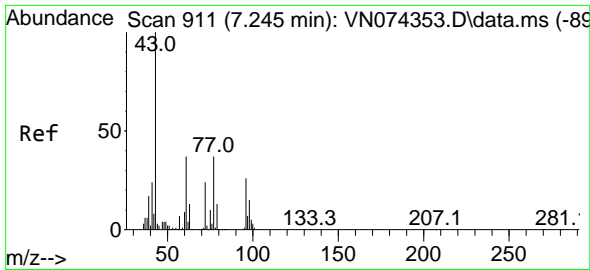


#30  
 2-Butanone  
 Concen: 102.521 ug/l  
 RT: 7.257 min Scan# 913  
 Delta R.T. 0.000 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51



Tgt Ion: 43 Resp: 587972  
 Ion Ratio Lower Upper  
 43 100  
 57 7.9 6.7 10.1  
 72 24.8 23.2 34.8





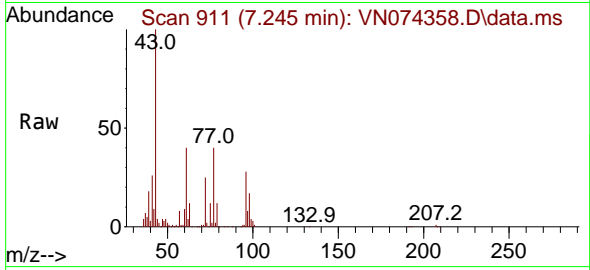
#31  
 2,2-Dichloropropane  
 Concen: 19.679 ug/l  
 RT: 7.245 min Scan# 911  
 Delta R.T. 0.000 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51

Instrument :

MSVOA\_N

ClientSampleId :

ICVVN090822



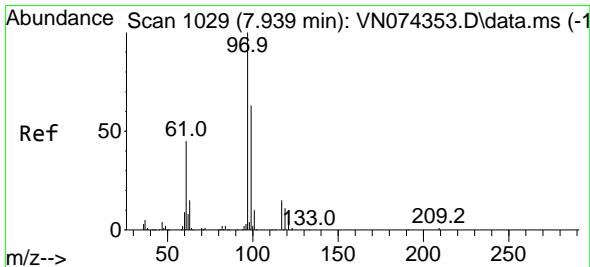
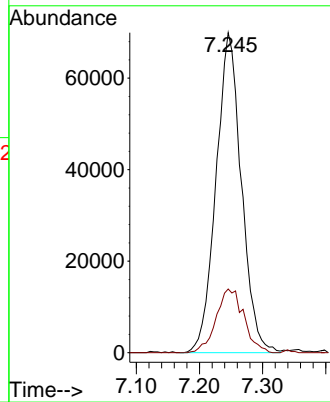
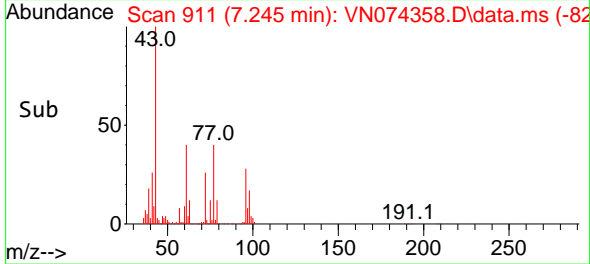
Tgt Ion: 77 Resp: 195009  
 Ion Ratio Lower Upper  
 77 100  
 97 13.2 18.3 27.5

Manual Integrations

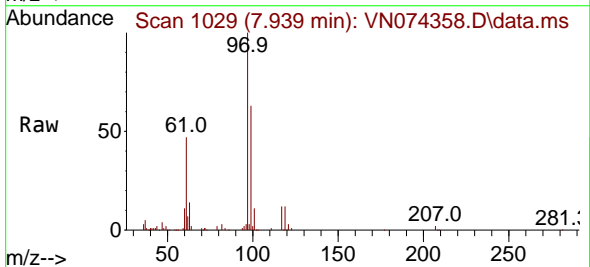
APPROVED

Reviewed By :John Carlone 09/09/2022

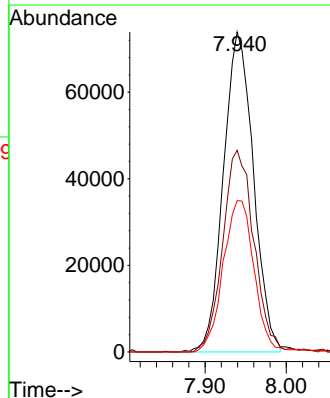
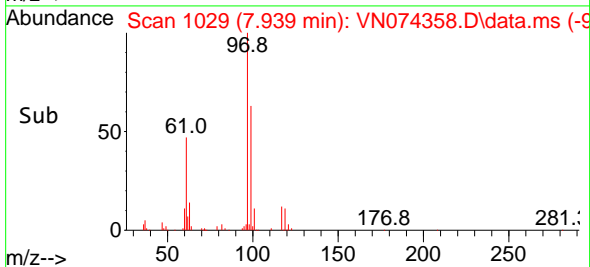
Supervised By :Mahesh Dadoda 09/09/2022

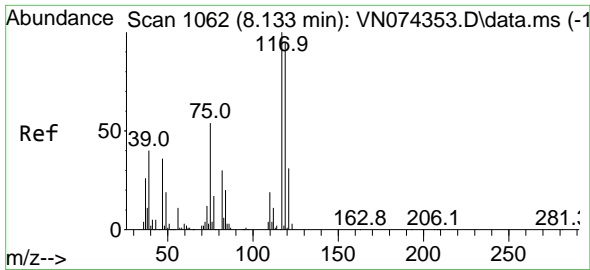


#32  
 1,1,1-Trichloroethane  
 Concen: 18.986 ug/l  
 RT: 7.939 min Scan# 1029  
 Delta R.T. 0.000 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51



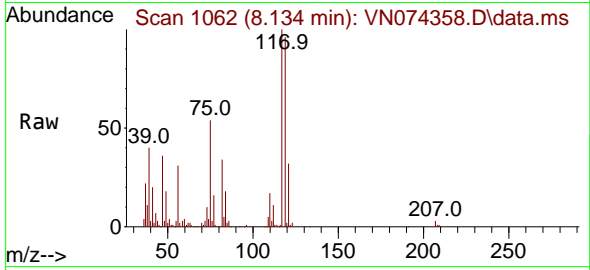
Tgt Ion: 97 Resp: 189543  
 Ion Ratio Lower Upper  
 97 100  
 99 65.4 50.4 75.6  
 61 48.5 34.6 51.8





#33  
 Carbon Tetrachloride  
 Concen: 18.729 ug/l  
 RT: 8.134 min Scan# 1062  
 Delta R.T. 0.000 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51

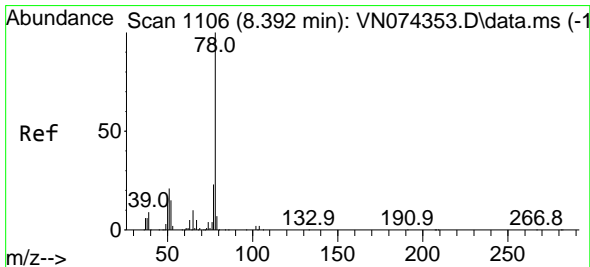
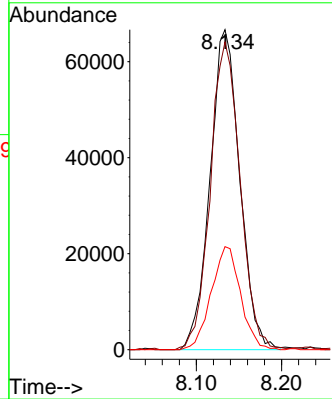
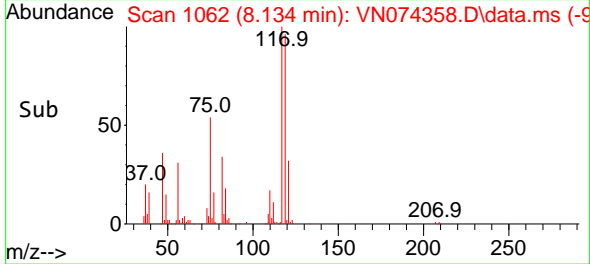
Instrument : MSVOA\_N  
 Client Sample Id : ICVVN090822



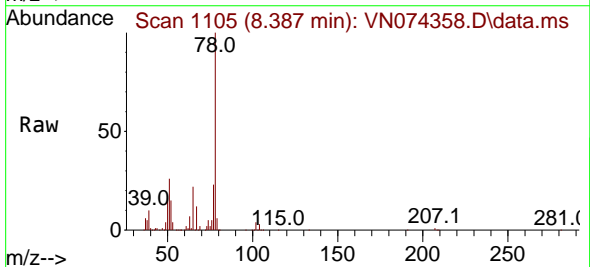
Tgt Ion: 117 Resp: 161799  
 Ion Ratio Lower Upper  
 117 100  
 119 95.4 77.5 116.3  
 121 32.2 23.5 35.3

Manual Integrations  
**APPROVED**

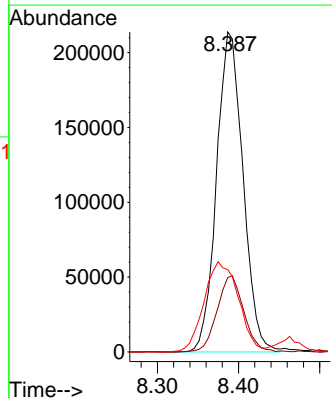
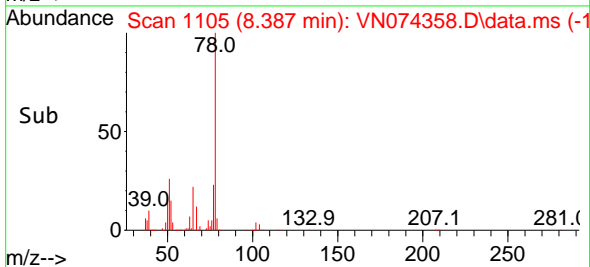
Reviewed By : John Carlone 09/09/2022  
 Supervised By : Mahesh Dadoda 09/09/2022

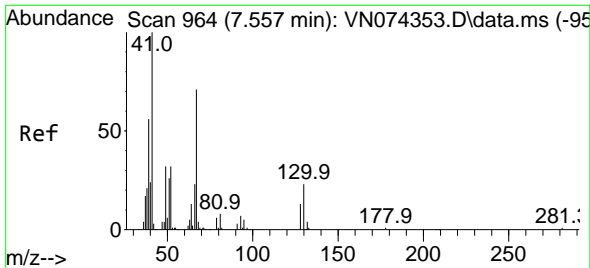


#34  
 Benzene  
 Concen: 19.452 ug/l  
 RT: 8.387 min Scan# 1105  
 Delta R.T. -0.006 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51



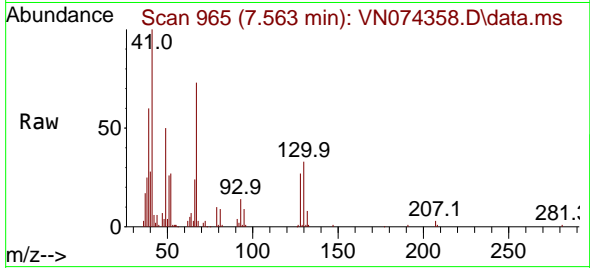
Tgt Ion: 78 Resp: 484343  
 Ion Ratio Lower Upper  
 78 100  
 77 23.1 19.1 28.7  
 51 25.3 16.0 24.0#





#35  
 Methacrylonitrile  
 Concen: 21.636 ug/l  
 RT: 7.563 min Scan# 965  
 Delta R.T. 0.006 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51

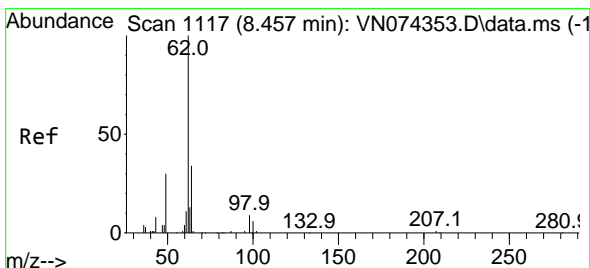
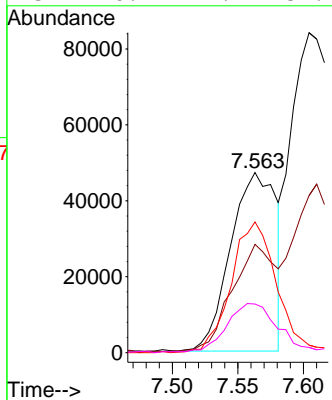
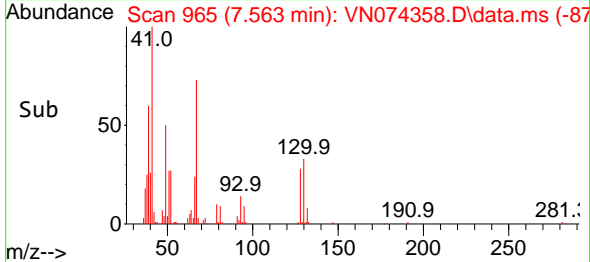
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 ICVVN090822



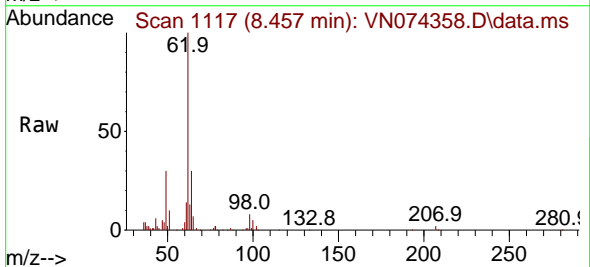
Tgt Ion: 41 Resp: 114010  
 Ion Ratio Lower Upper  
 41 100  
 39 59.7 28.0 83.9  
 67 72.8 37.7 113.1  
 52 26.7 17.1 51.2

Manual Integrations  
 APPROVED

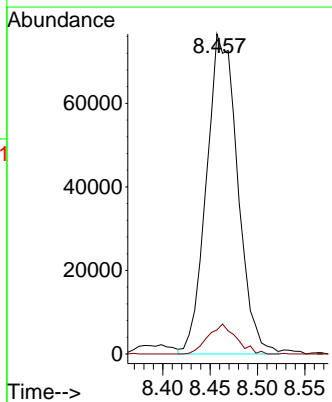
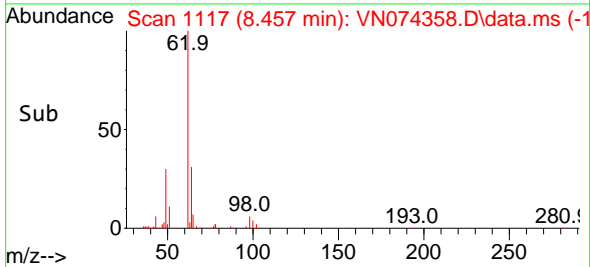
Reviewed By :John Carlone 09/09/2022  
 Supervised By :Mahesh Dadoda 09/09/2022

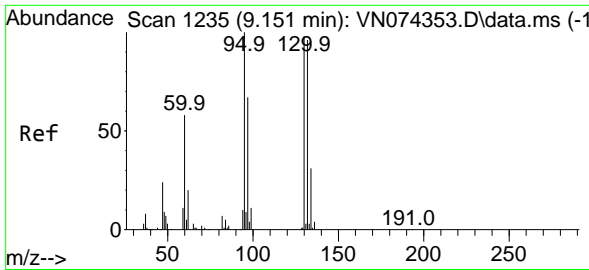


#36  
 1,2-Dichloroethane  
 Concen: 19.224 ug/l  
 RT: 8.457 min Scan# 1117  
 Delta R.T. 0.000 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51



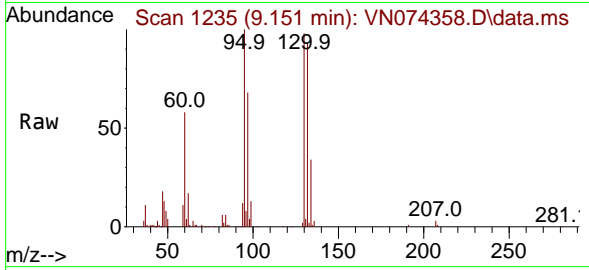
Tgt Ion: 62 Resp: 175122  
 Ion Ratio Lower Upper  
 62 100  
 98 8.4 6.6 10.0





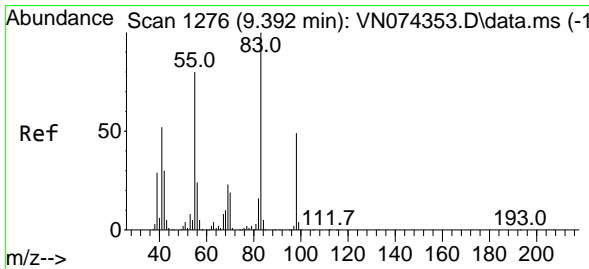
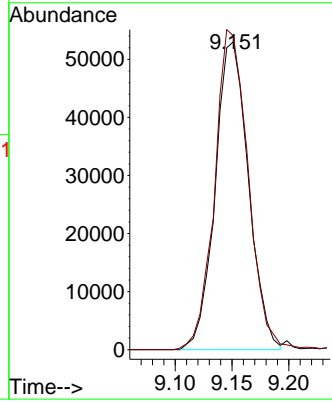
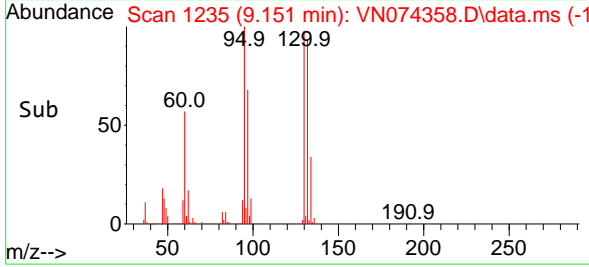
#37  
 Trichloroethene  
 Concen: 18.871 ug/l  
 RT: 9.151 min Scan# 1235  
 Delta R.T. 0.000 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51

Instrument : MSVOA\_N  
 ClientSampleId : ICVVN090822

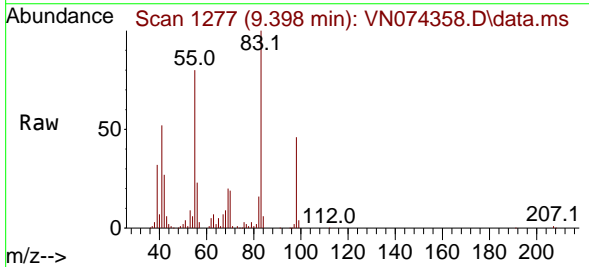


Tgt Ion:130 Resp: 10797  
 Ion Ratio Lower Upper  
 130 100  
 95 101.4 76.6 115.0

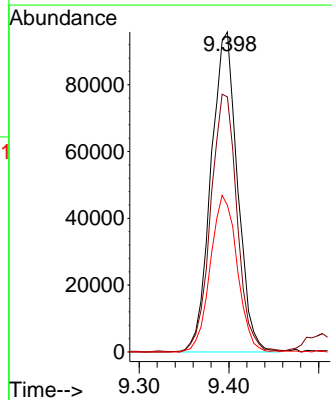
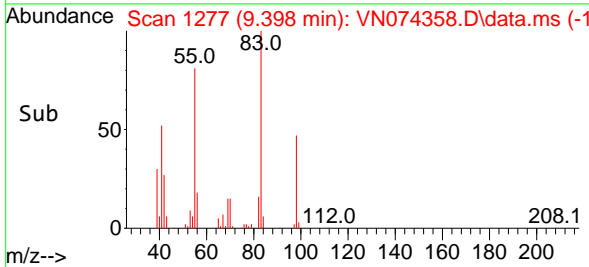
Manual Integrations  
**APPROVED**  
 Reviewed By :John Carlone 09/09/2022  
 Supervised By :Mahesh Dadoda 09/09/2022

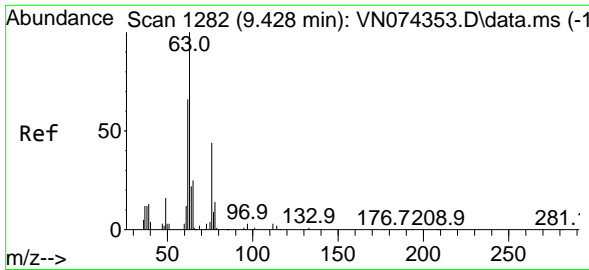


#38  
 Methylcyclohexane  
 Concen: 19.262 ug/l  
 RT: 9.398 min Scan# 1277  
 Delta R.T. 0.006 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51



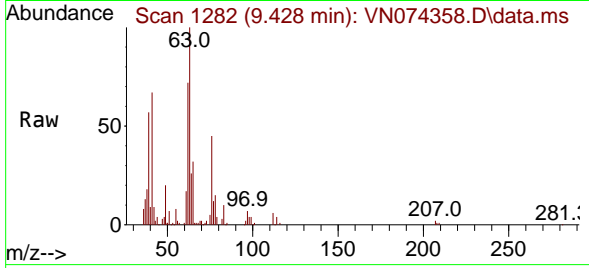
Tgt Ion: 83 Resp: 196371  
 Ion Ratio Lower Upper  
 83 100  
 55 79.3 35.1 105.3  
 98 49.5 23.4 70.2





#39  
 1,2-Dichloropropane  
 Concen: 19.733 ug/l  
 RT: 9.428 min Scan# 1282  
 Delta R.T. 0.000 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51

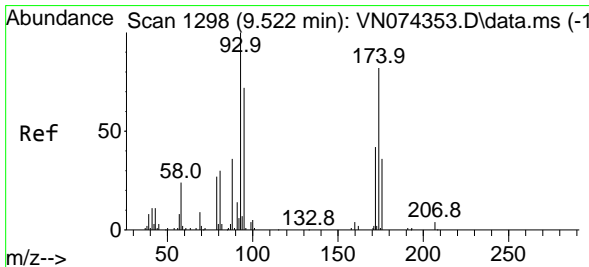
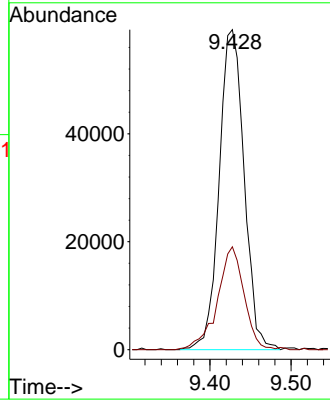
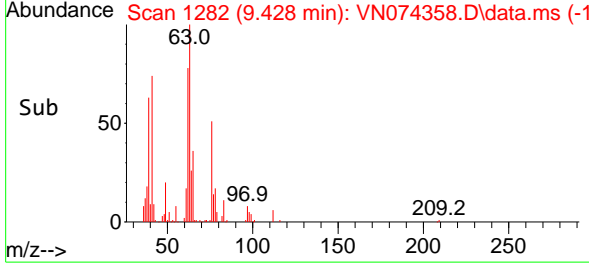
Instrument : MSVOA\_N  
 ClientSampleId : ICVVN090822



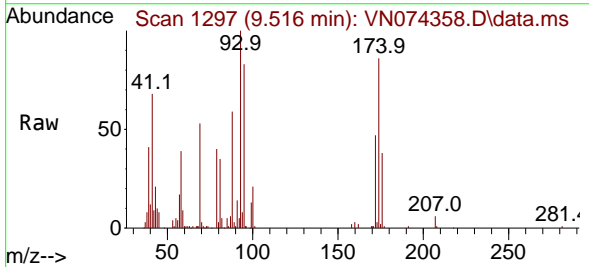
Tgt Ion: 63 Resp: 126528  
 Ion Ratio Lower Upper  
 63 100  
 65 31.8 24.2 36.4

Manual Integrations  
**APPROVED**

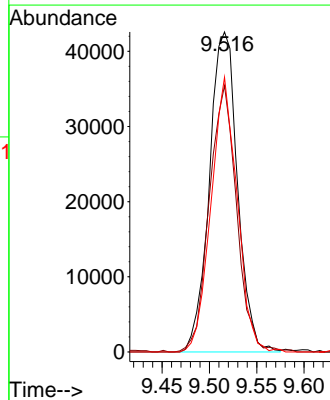
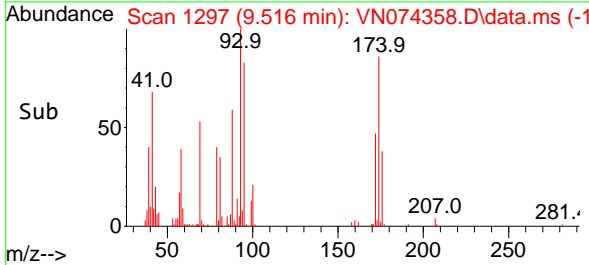
Reviewed By :John Carlone 09/09/2022  
 Supervised By :Mahesh Dadoda 09/09/2022

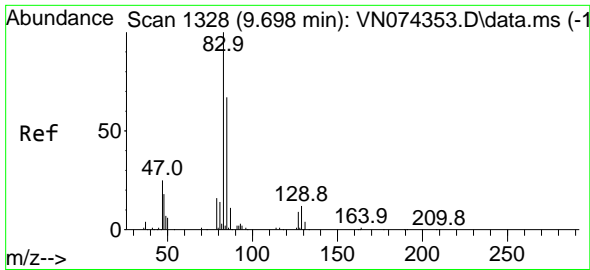


#40  
 Dibromomethane  
 Concen: 19.735 ug/l  
 RT: 9.516 min Scan# 1297  
 Delta R.T. -0.006 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51



Tgt Ion: 93 Resp: 88043  
 Ion Ratio Lower Upper  
 93 100  
 95 80.3 0.0 168.8  
 174 79.5 0.0 173.6





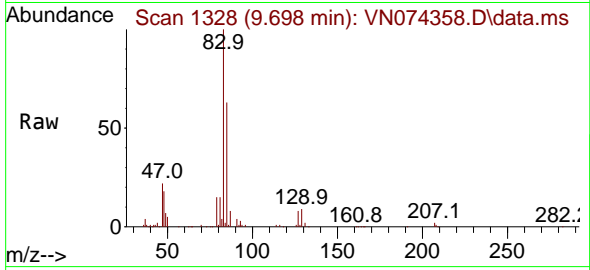
#41  
 Bromodichloromethane  
 Concen: 19.343 ug/l  
 RT: 9.698 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51

Instrument :

MSVOA\_N

Client Sample Id :

ICVVN090822



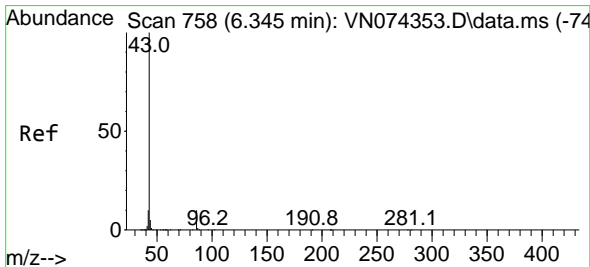
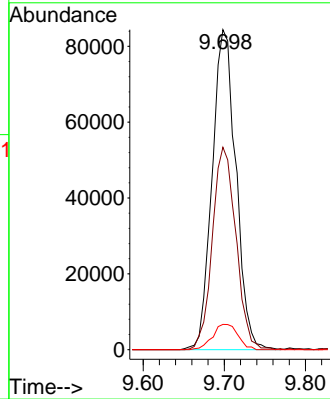
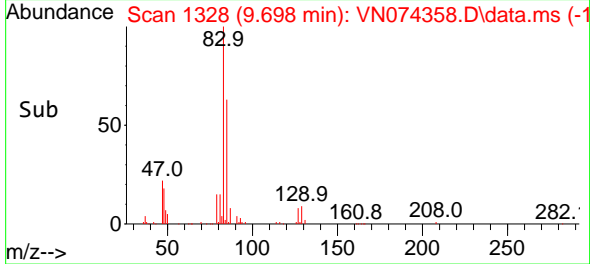
Tgt Ion: 83 Resp: 17147  
 Ion Ratio Lower Upper  
 83 100  
 85 63.3 54.1 81.1  
 127 7.9 7.6 11.4

Manual Integrations

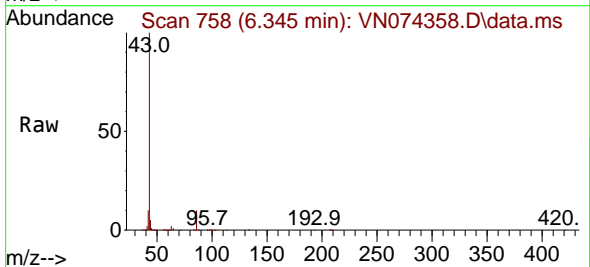
APPROVED

Reviewed By :John Carlone 09/09/2022

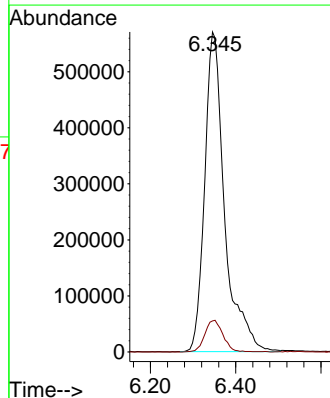
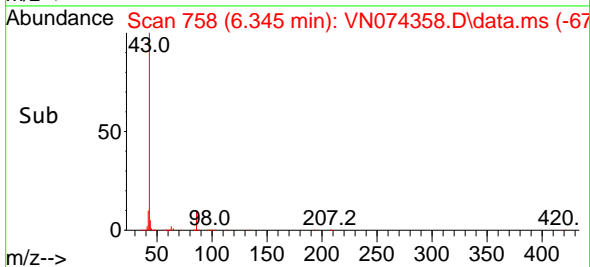
Supervised By :Mahesh Dadoda 09/09/2022



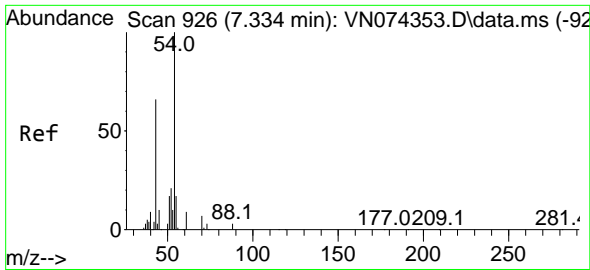
#42  
 Vinyl Acetate  
 Concen: 98.013 ug/l  
 RT: 6.345 min Scan# 758  
 Delta R.T. 0.000 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51



Tgt Ion: 43 Resp: 1855308  
 Ion Ratio Lower Upper  
 43 100  
 86 9.0 7.5 11.3







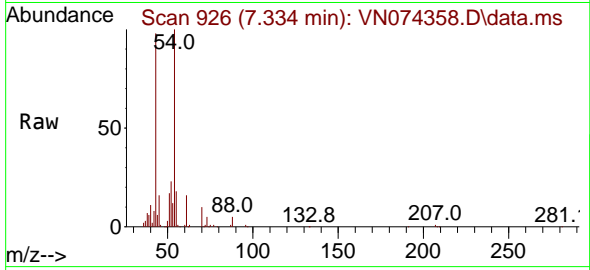
#43  
 Ethyl Acetate  
 Concen: 19.626 ug/l  
 RT: 7.334 min Scan# 91  
 Delta R.T. 0.000 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51

Instrument :

MSVOA\_N

Client Sample Id :

ICVVN090822



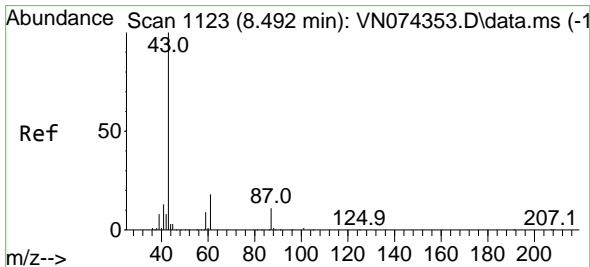
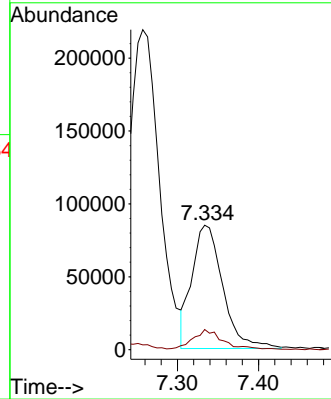
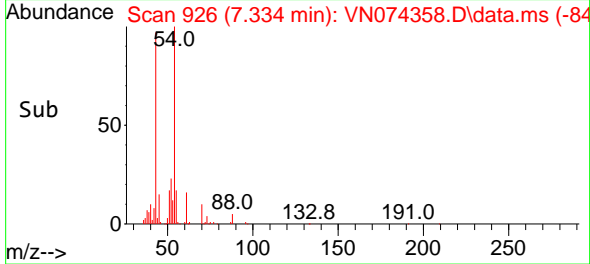
Tgt Ion: 43 Resp: 223349  
 Ion Ratio Lower Upper  
 43 100  
 45 13.4 10.6 16.0

Manual Integrations

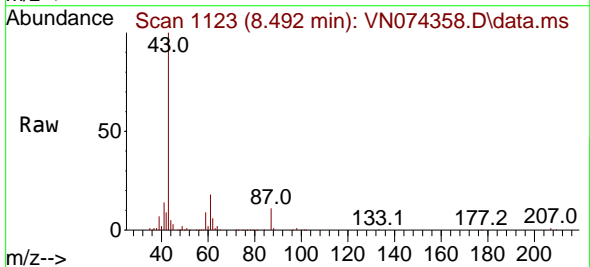
APPROVED

Reviewed By :John Carlone 09/09/2022

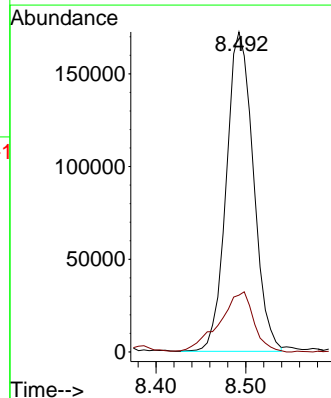
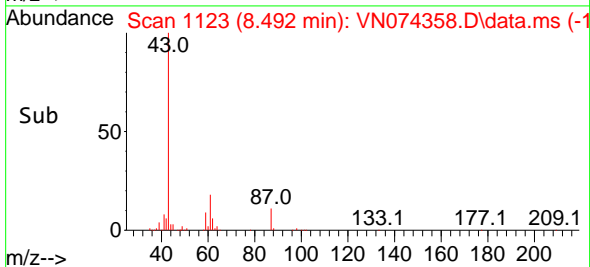
Supervised By :Mahesh Dadoda 09/09/2022

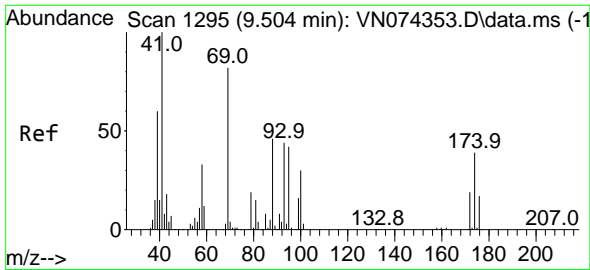


#44  
 Isopropyl Acetate  
 Concen: 19.887 ug/l  
 RT: 8.492 min Scan# 1123  
 Delta R.T. 0.000 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51



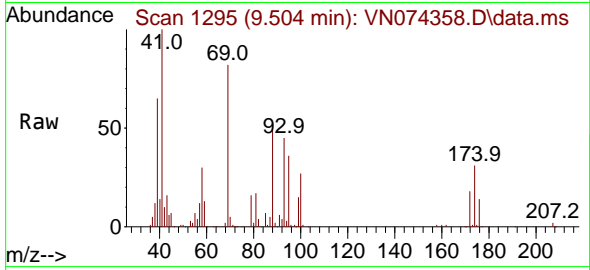
Tgt Ion: 43 Resp: 359709  
 Ion Ratio Lower Upper  
 43 100  
 61 24.1 20.1 30.1





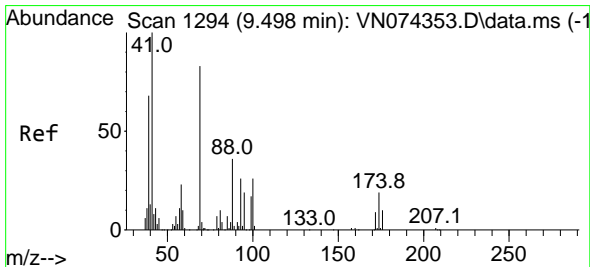
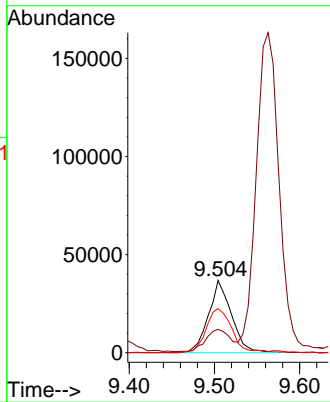
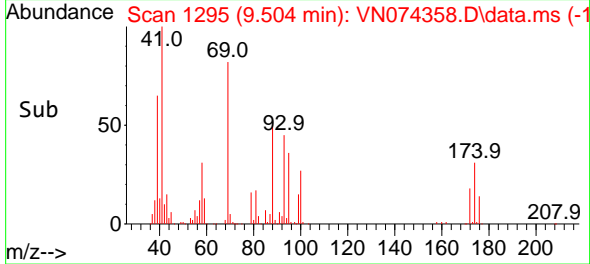
#45  
 1,4-Dioxane  
 Concen: 412.731 ug/l  
 RT: 9.504 min Scan# 1295  
 Delta R.T. 0.000 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51

Instrument : MSVOA\_N  
 Client Sample Id : ICVVN090822

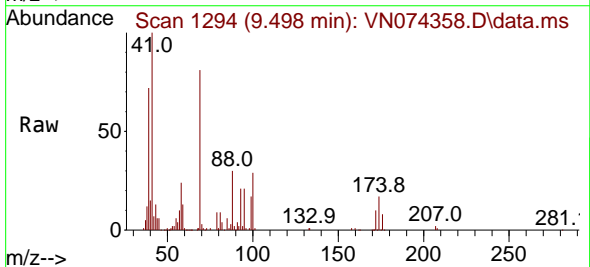


Tgt Ion: 88 Resp: 69100  
 Ion Ratio Lower Upper  
 88 100  
 43 33.5 25.0 37.6  
 58 66.2 49.4 74.2

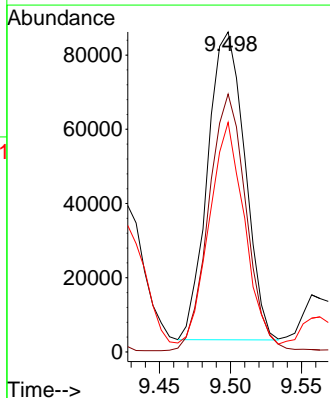
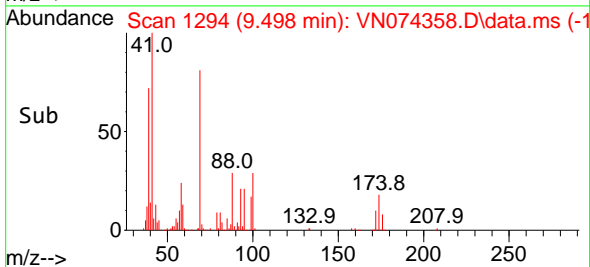
Manual Integrations  
**APPROVED**  
 Reviewed By :John Carlone 09/09/2022  
 Supervised By :Mahesh Dadoda 09/09/2022

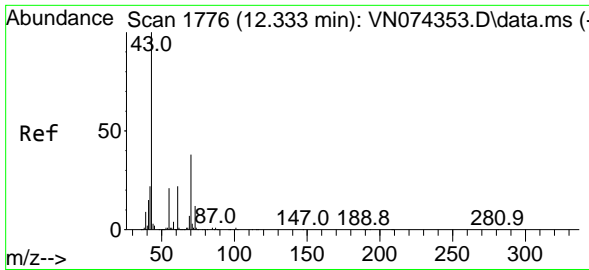


#46  
 Methyl methacrylate  
 Concen: 19.581 ug/l  
 RT: 9.498 min Scan# 1294  
 Delta R.T. 0.000 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51



Tgt Ion: 41 Resp: 151470  
 Ion Ratio Lower Upper  
 41 100  
 69 82.6 44.4 133.2  
 39 72.1 39.9 119.6





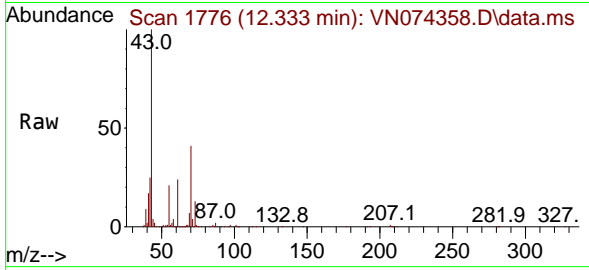
#47  
 n-amy1 Acetate  
 Concen: 19.307 ug/l  
 RT: 12.333 min Scan# 1776  
 Delta R.T. 0.000 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51

Instrument :

MSVOA\_N

ClientSampleId :

ICVVN090822



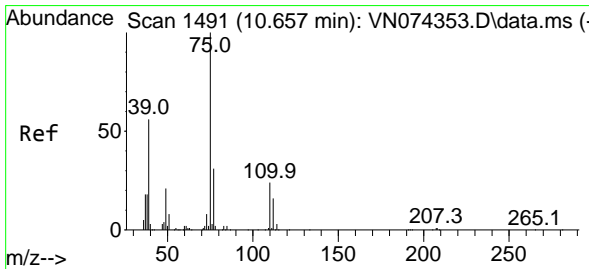
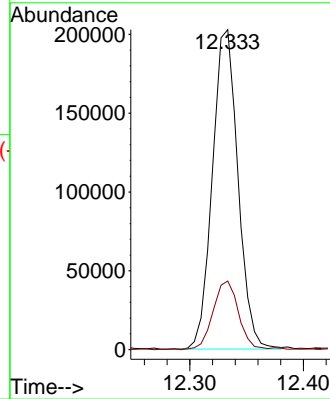
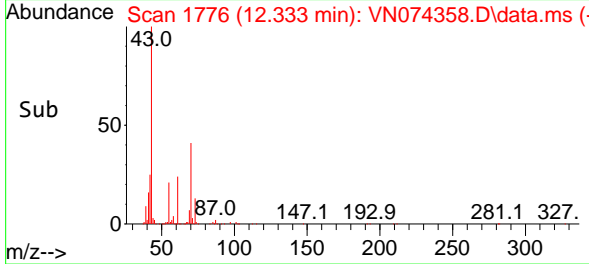
Tgt Ion: 43 Resp: 31739  
 Ion Ratio Lower Upper  
 43 100  
 55 21.4 19.0 28.6

Manual Integrations

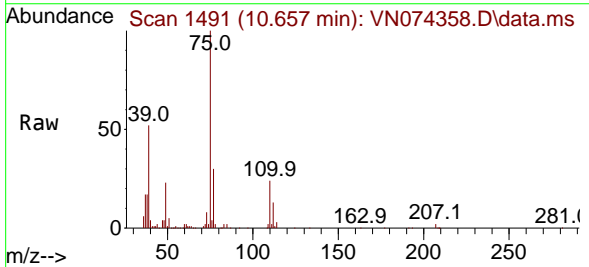
APPROVED

Reviewed By :John Carlone 09/09/2022

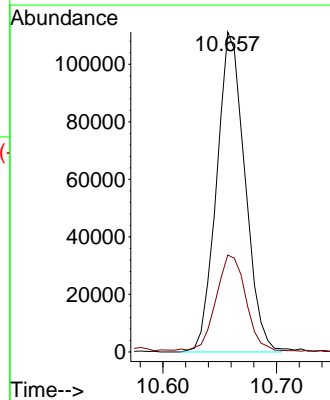
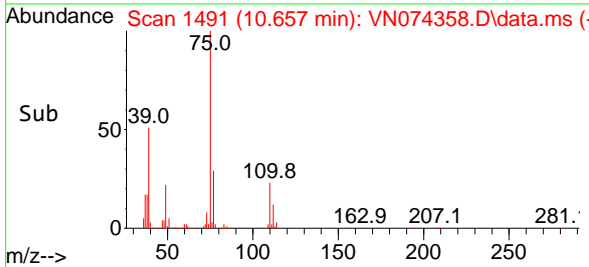
Supervised By :Mahesh Dadoda 09/09/2022

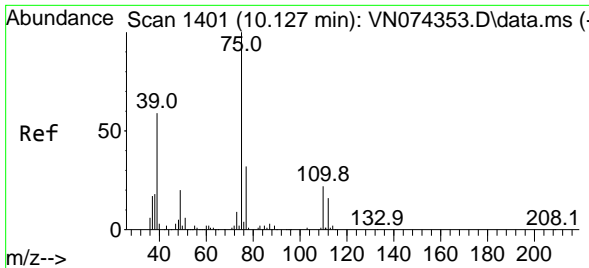


#48  
 t-1,3-Dichloropropene  
 Concen: 18.624 ug/l  
 RT: 10.657 min Scan# 1491  
 Delta R.T. 0.000 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51



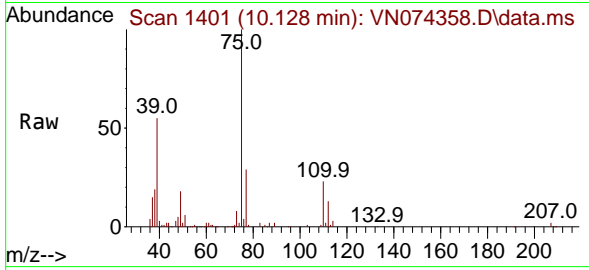
Tgt Ion: 75 Resp: 192843  
 Ion Ratio Lower Upper  
 75 100  
 77 29.8 25.3 37.9





#49  
 cis-1,3-Dichloropropene  
 Concen: 19.210 ug/l  
 RT: 10.128 min Scan# 1401  
 Delta R.T. 0.000 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51

**Instrument :**  
 MSVOA\_N  
**Client Sample Id :**  
 ICVVN090822

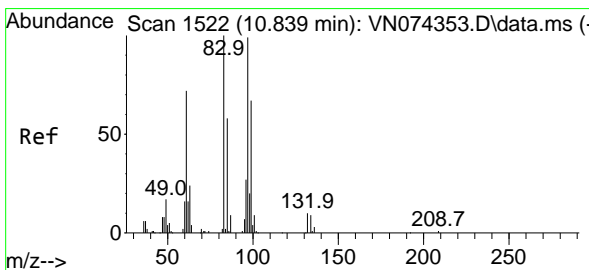
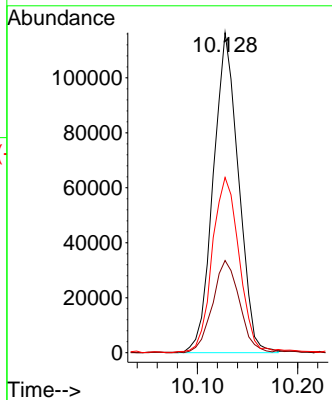
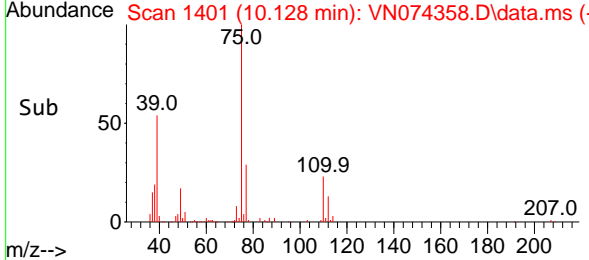


Tgt Ion: 75 Resp: 203004

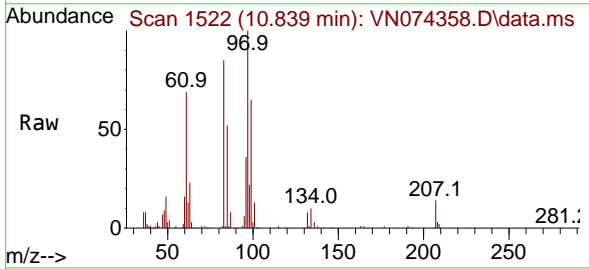
Ion	Ratio	Lower	Upper
75	100		
77	28.6	25.3	37.9
39	54.4	46.2	69.4

**Manual Integrations**  
**APPROVED**

Reviewed By :John Carlone 09/09/2022  
 Supervised By :Mahesh Dadoda 09/09/2022

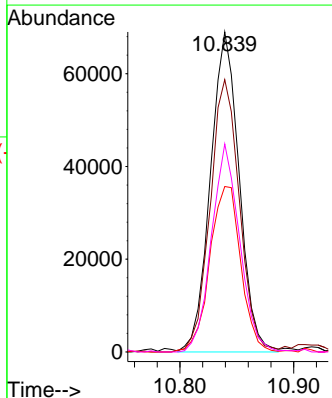
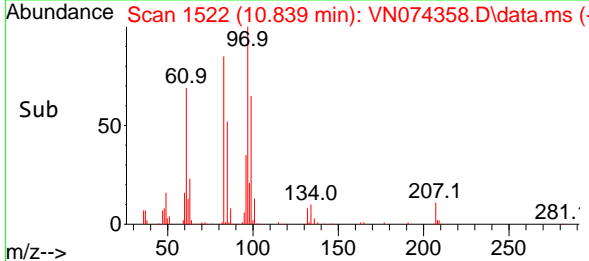


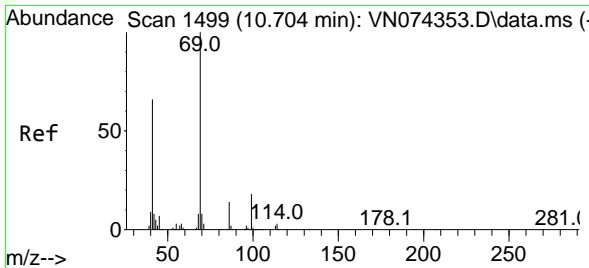
#50  
 1,1,2-Trichloroethane  
 Concen: 19.229 ug/l  
 RT: 10.839 min Scan# 1522  
 Delta R.T. 0.000 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51



Tgt Ion: 97 Resp: 121361

Ion	Ratio	Lower	Upper
97	100		
83	84.8	67.2	100.8
85	51.7	43.0	64.4
99	65.2	49.0	73.4





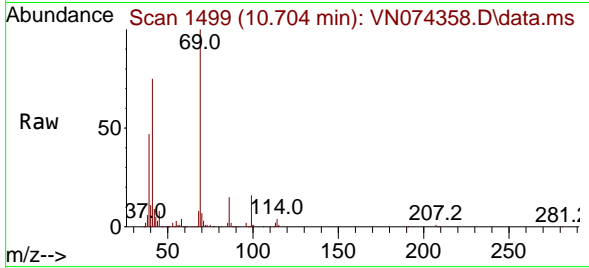
#51  
 Ethyl methacrylate  
 Concen: 19.673 ug/l  
 RT: 10.704 min Scan# 1499  
 Delta R.T. 0.000 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51

Instrument :

MSVOA\_N

ClientSampleId :

ICVVN090822



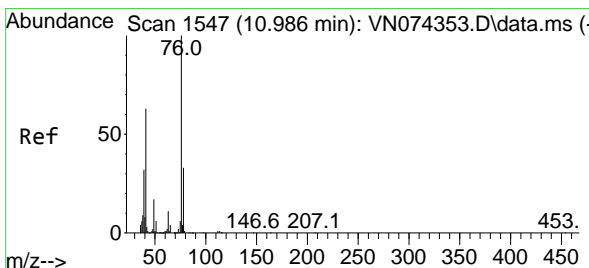
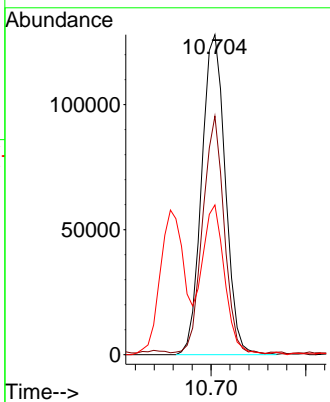
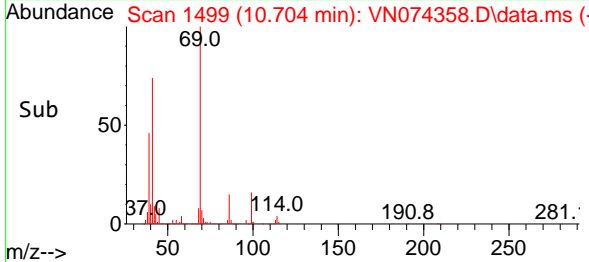
Tgt Ion: 69 Resp: 220920  
 Ion Ratio Lower Upper  
 69 100  
 41 73.8 33.0 98.9  
 39 46.0 25.4 76.4

Manual Integrations

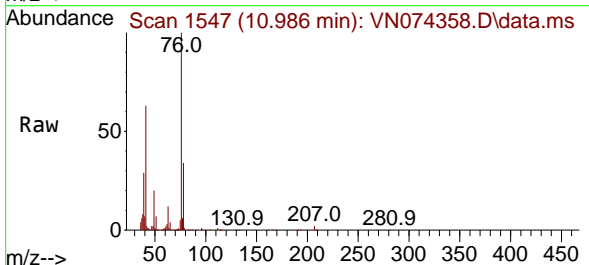
APPROVED

Reviewed By :John Carlone 09/09/2022

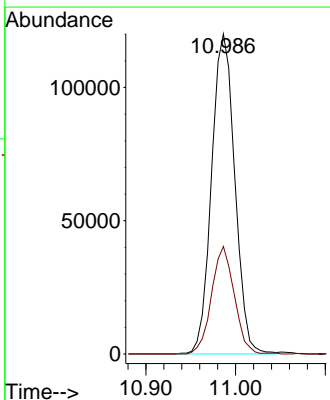
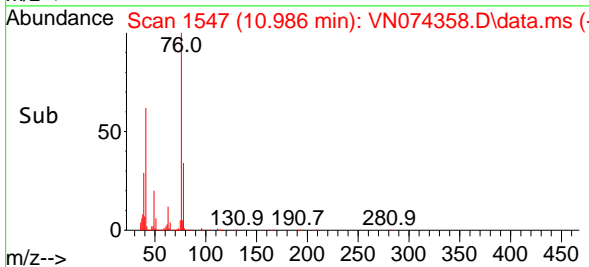
Supervised By :Mahesh Dadoda 09/09/2022

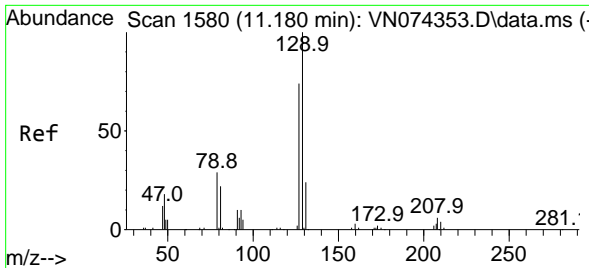


#52  
 1,3-Dichloropropane  
 Concen: 19.723 ug/l  
 RT: 10.986 min Scan# 1547  
 Delta R.T. 0.000 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51



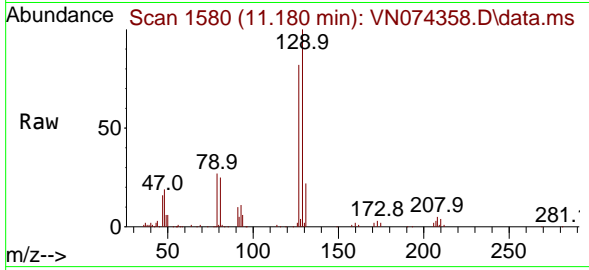
Tgt Ion: 76 Resp: 215884  
 Ion Ratio Lower Upper  
 76 100  
 78 32.7 0.0 65.4





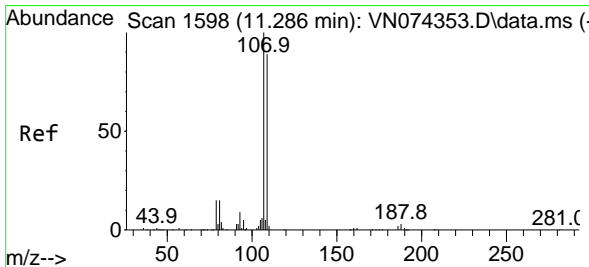
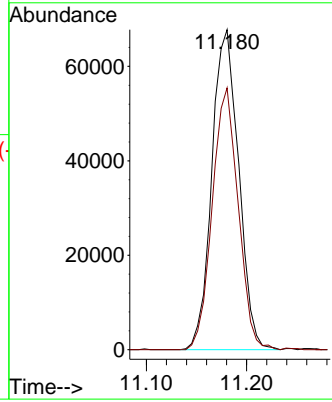
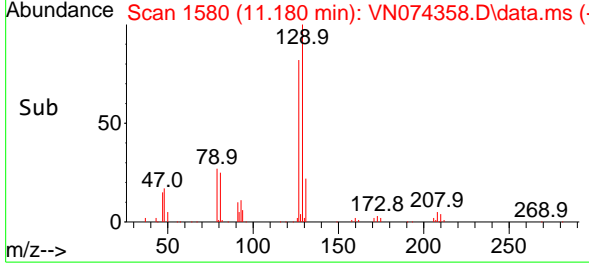
#53  
 Dibromochloromethane  
 Concen: 18.542 ug/l  
 RT: 11.180 min Scan# 1580  
 Delta R.T. 0.000 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51

**Instrument :** MSVOA\_N  
**ClientSampleId :** ICVVN090822

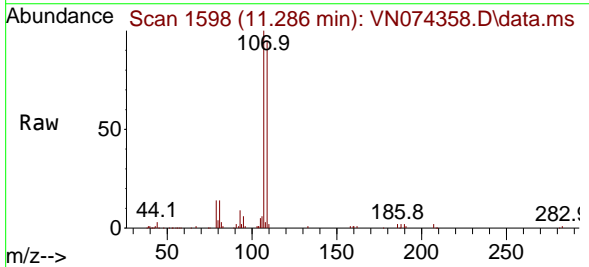


Tgt Ion:129 Resp: 125839  
 Ion Ratio Lower Upper  
 129 100  
 127 79.1 39.0 117.0

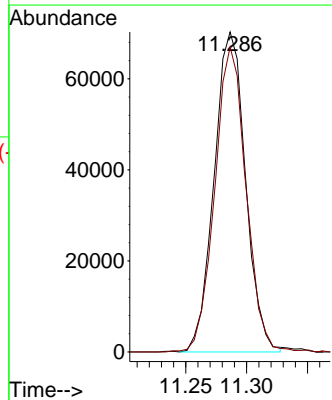
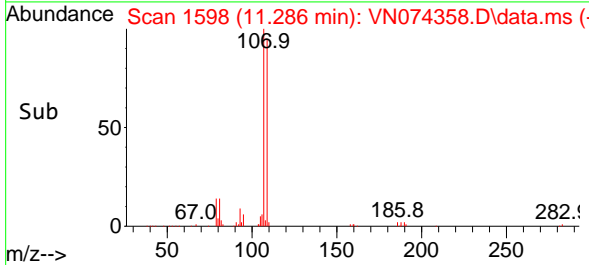
**Manual Integrations**  
**APPROVED**  
 Reviewed By :John Carlone 09/09/2022  
 Supervised By :Mahesh Dadoda 09/09/2022

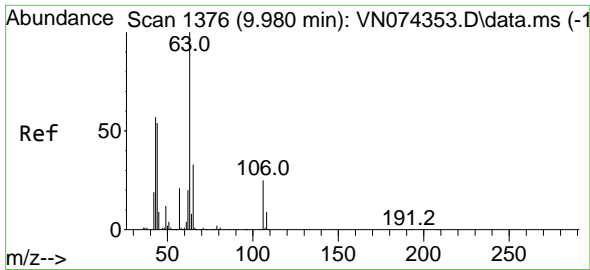


#54  
 1,2-Dibromoethane  
 Concen: 19.070 ug/l  
 RT: 11.286 min Scan# 1598  
 Delta R.T. 0.000 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51



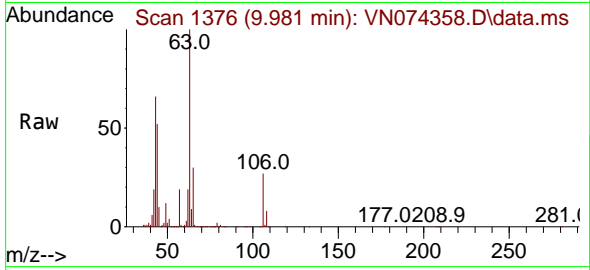
Tgt Ion:107 Resp: 126169  
 Ion Ratio Lower Upper  
 107 100  
 109 94.7 72.8 109.2





#55  
 2-Chloroethyl vinyl ether  
 Concen: 92.731 ug/l  
 RT: 9.981 min Scan# 1376  
 Delta R.T. 0.000 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51

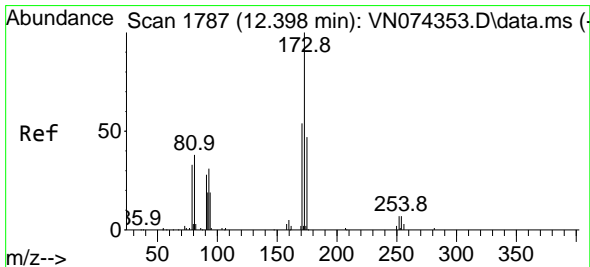
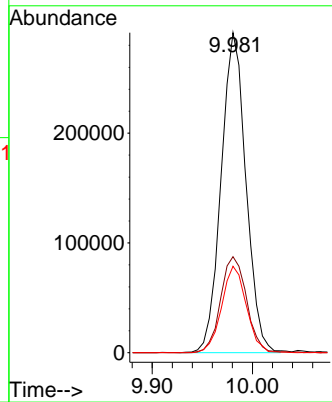
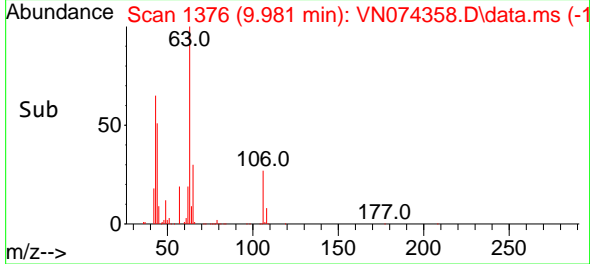
Instrument : MSVOA\_N  
 Client Sample Id : ICVVN090822



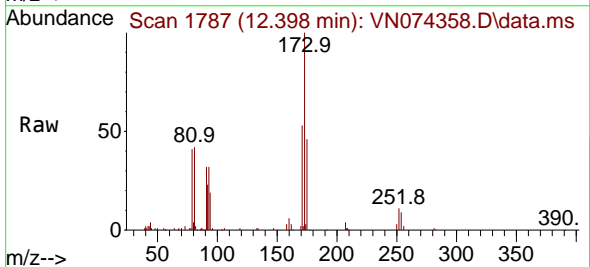
Tgt Ion: 63 Resp: 500189  
 Ion Ratio Lower Upper  
 63 100  
 65 31.3 25.4 38.0  
 106 26.9 23.2 34.8

Manual Integrations  
**APPROVED**

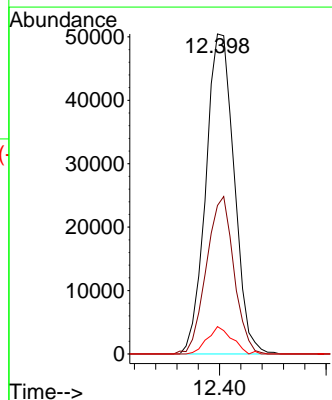
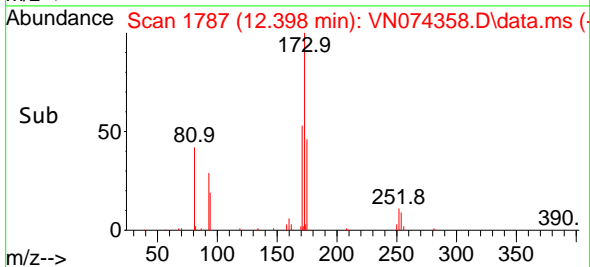
Reviewed By :John Carlone 09/09/2022  
 Supervised By :Mahesh Dadoda 09/09/2022

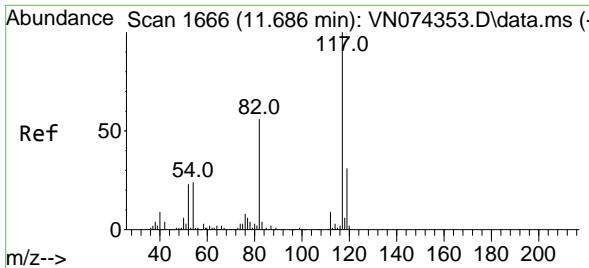


#56  
 Bromoform  
 Concen: 18.033 ug/l  
 RT: 12.398 min Scan# 1787  
 Delta R.T. 0.000 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51



Tgt Ion:173 Resp: 93227  
 Ion Ratio Lower Upper  
 173 100  
 175 47.7 38.6 58.0  
 254 7.4 0.0 0.0#





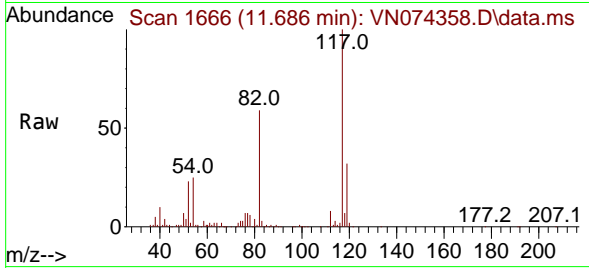
#57  
 Chlorobenzene-d5  
 Concen: 30.000 ug/l  
 RT: 11.686 min Scan# 1666  
 Delta R.T. 0.000 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51

Instrument :

MSVOA\_N

ClientSampleId :

ICVVN090822



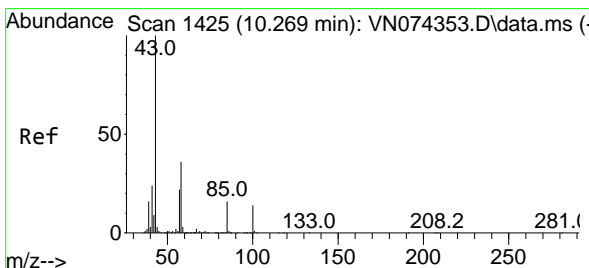
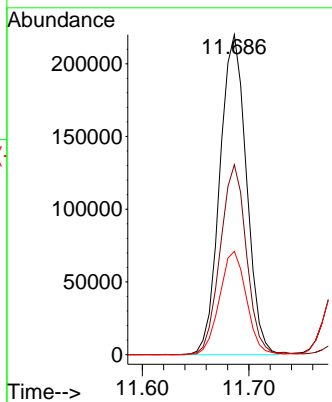
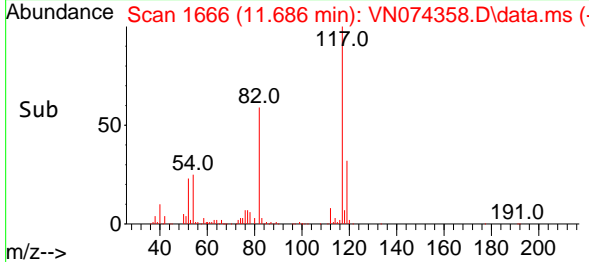
Tgt Ion: 117 Resp: 381179  
 Ion Ratio Lower Upper  
 117 100  
 82 58.4 43.6 65.4  
 119 32.6 25.8 38.6

Manual Integrations

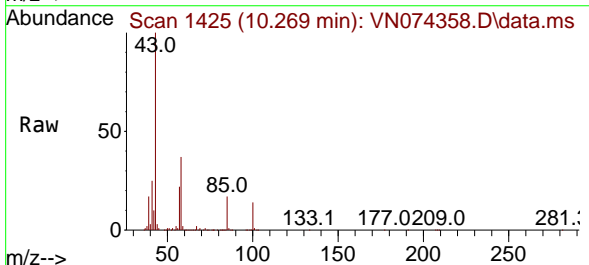
APPROVED

Reviewed By :John Carlone 09/09/2022

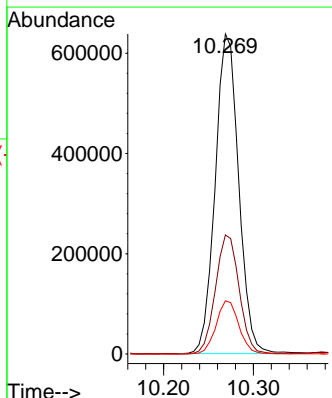
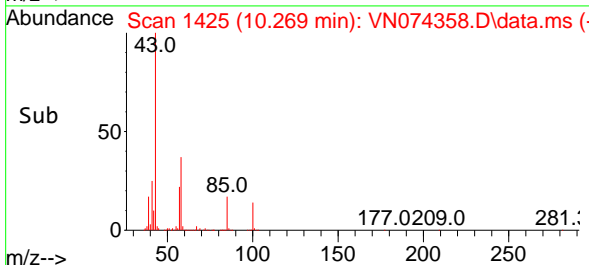
Supervised By :Mahesh Dadoda 09/09/2022



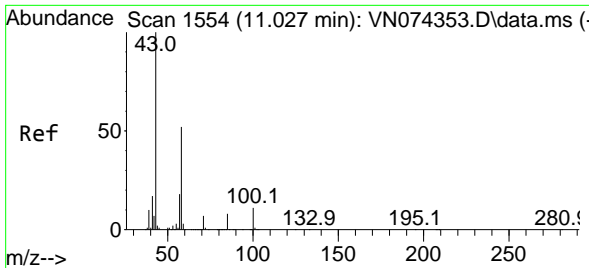
#58  
 4-Methyl-2-Pentanone  
 Concen: 97.615 ug/l  
 RT: 10.269 min Scan# 1425  
 Delta R.T. 0.000 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51



Tgt Ion: 43 Resp: 1156572  
 Ion Ratio Lower Upper  
 43 100  
 58 37.6 30.0 45.0  
 85 16.2 15.0 22.6







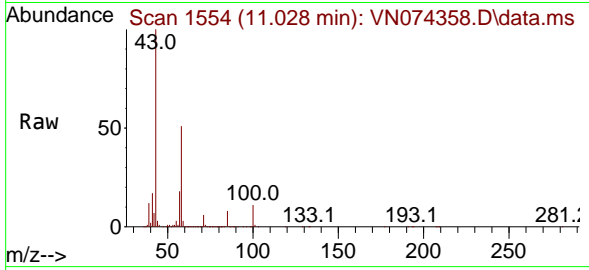
#59  
 2-Hexanone  
 Concen: 99.475 ug/l  
 RT: 11.028 min Scan# 1554  
 Delta R.T. 0.000 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51

Instrument :

MSVOA\_N

ClientSampleId :

ICVVN090822



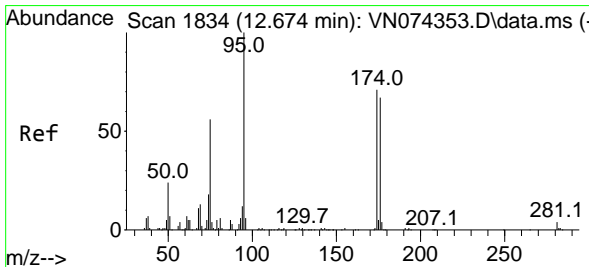
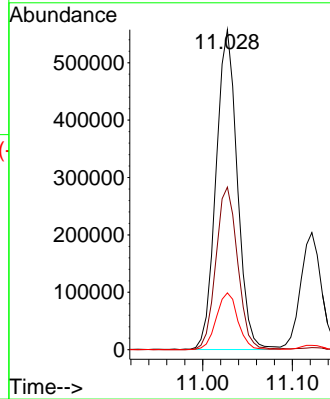
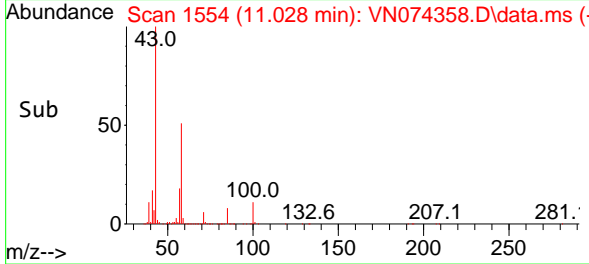
Tgt Ion: 43 Resp: 91828  
 Ion Ratio Lower Upper  
 43 100  
 58 51.7 42.2 63.2  
 57 18.1 15.0 22.4

Manual Integrations

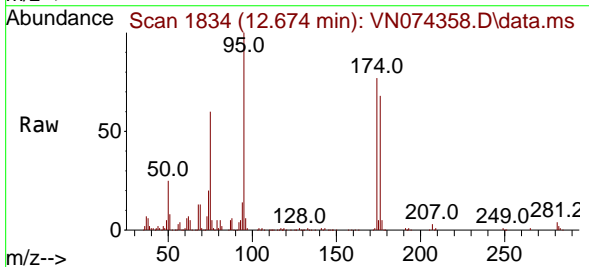
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Reviewed By :John Carlone 09/09/2022

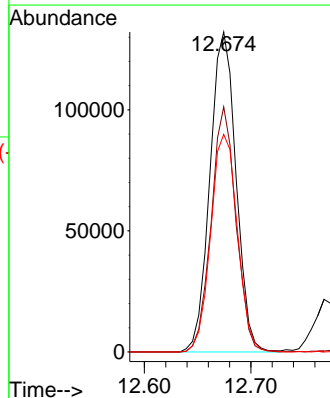
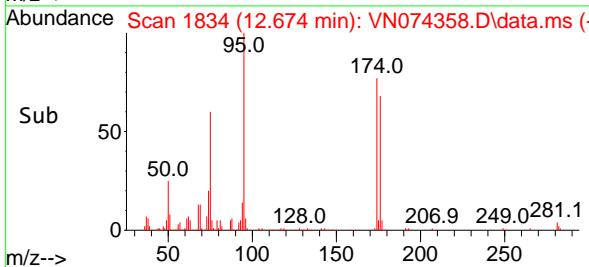
Supervised By :Mahesh Dadoda 09/09/2022

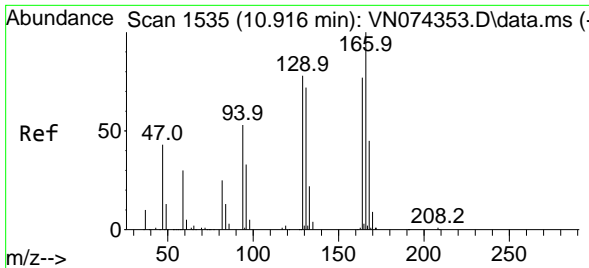


#60  
 4-Bromofluorobenzene  
 Concen: 29.508 ug/l  
 RT: 12.674 min Scan# 1834  
 Delta R.T. 0.000 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51



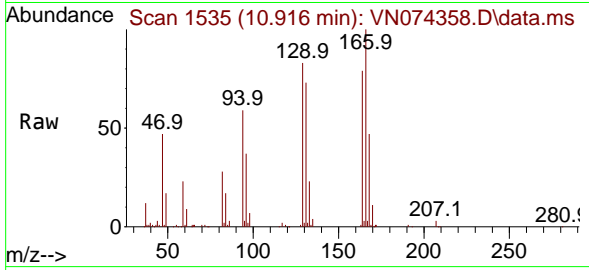
Tgt Ion: 95 Resp: 224936  
 Ion Ratio Lower Upper  
 95 100  
 174 72.7 62.9 94.3  
 176 69.4 61.0 91.4





#61  
 Tetrachloroethene  
 Concen: 18.584 ug/l  
 RT: 10.916 min Scan# 1535  
 Delta R.T. 0.000 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51

Instrument : MSVOA\_N  
 Client Sample Id : ICVVN090822

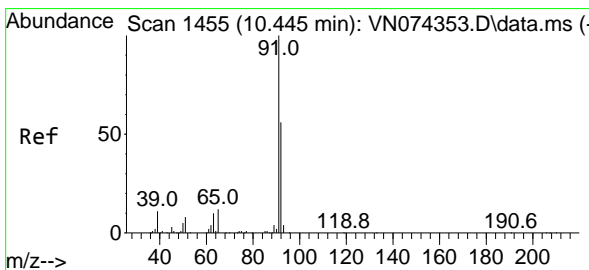
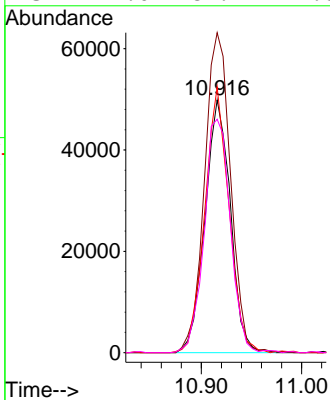
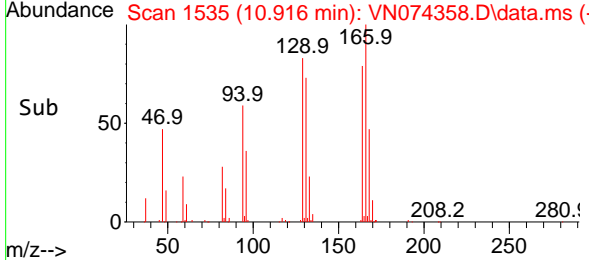


Tgt Ion: 164 Resp: 87890

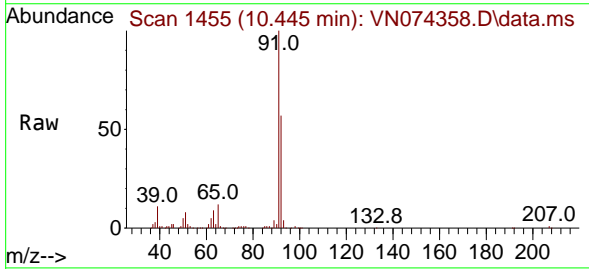
Ion	Ratio	Lower	Upper
164	100		
166	126.6	105.8	158.8
129	104.7	82.5	123.7
131	92.0	81.2	121.8

Manual Integrations  
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 Supervised By : Mahesh Dadoda 09/09/2022

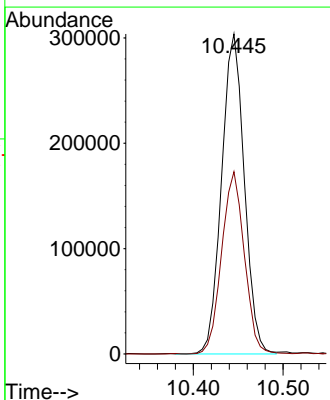
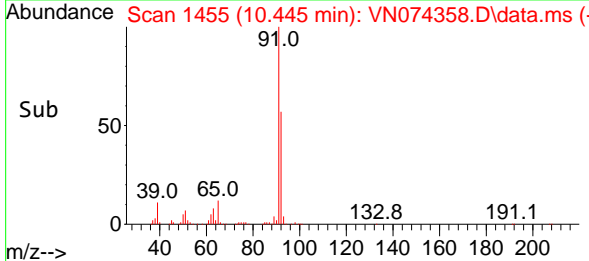


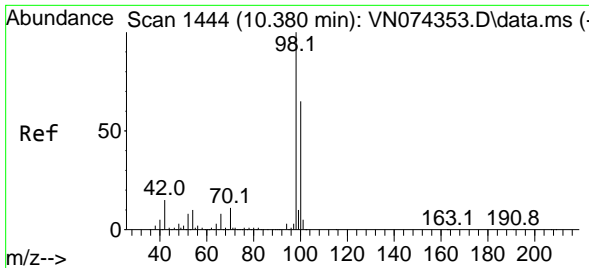
#62  
 Toluene  
 Concen: 19.387 ug/l  
 RT: 10.445 min Scan# 1455  
 Delta R.T. 0.000 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51



Tgt Ion: 91 Resp: 534292

Ion	Ratio	Lower	Upper
91	100		
92	57.0	44.6	67.0





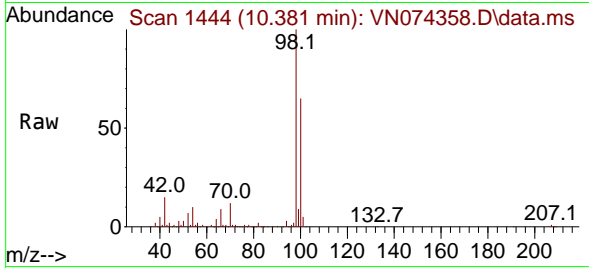
#63  
 Toluene-d8  
 Concen: 29.859 ug/l  
 RT: 10.381 min Scan# 1444  
 Delta R.T. 0.000 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51

Instrument :

MSVOA\_N

ClientSampleId :

ICVVN090822



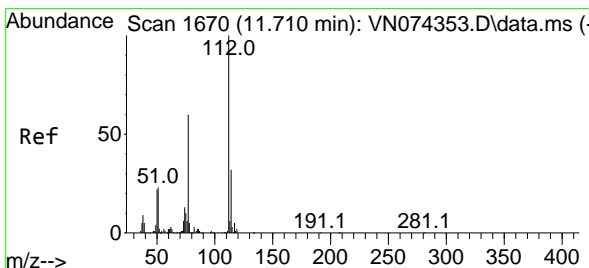
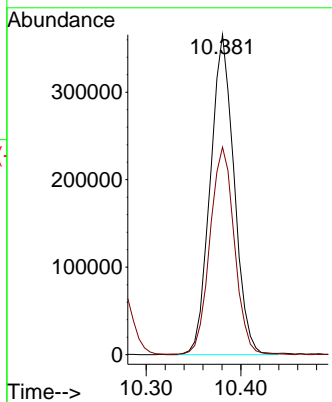
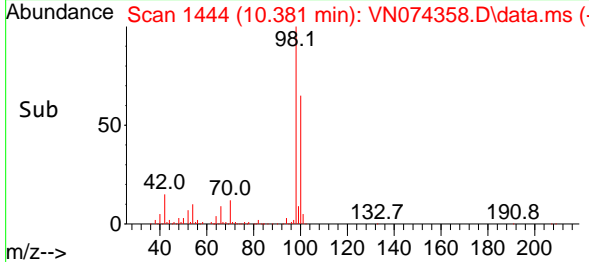
Tgt Ion: 98 Resp: 639285  
 Ion Ratio Lower Upper  
 98 100  
 100 66.6 50.6 76.0

Manual Integrations

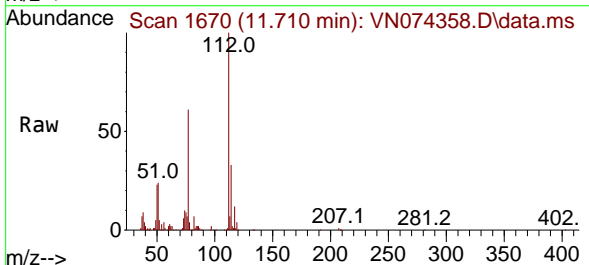
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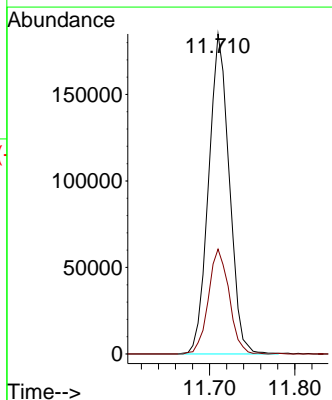
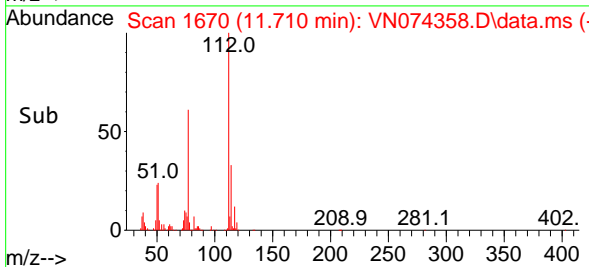
Supervised By :Mahesh Dadoda 09/09/2022

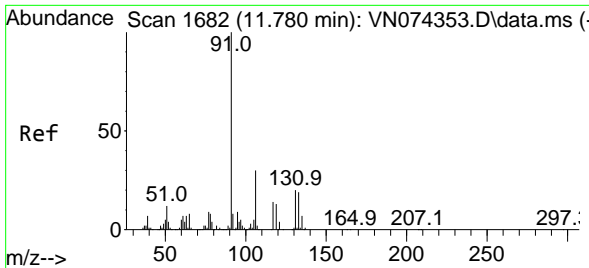


#64  
 Chlorobenzene  
 Concen: 19.124 ug/l  
 RT: 11.710 min Scan# 1670  
 Delta R.T. 0.000 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51



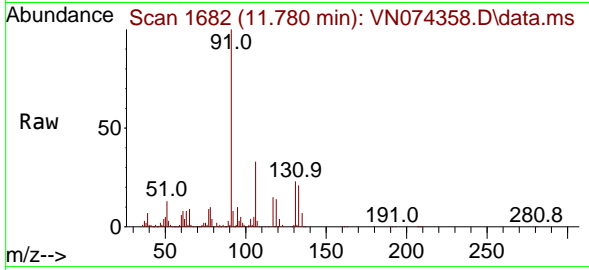
Tgt Ion:112 Resp: 311885  
 Ion Ratio Lower Upper  
 112 100  
 114 32.7 25.8 38.6





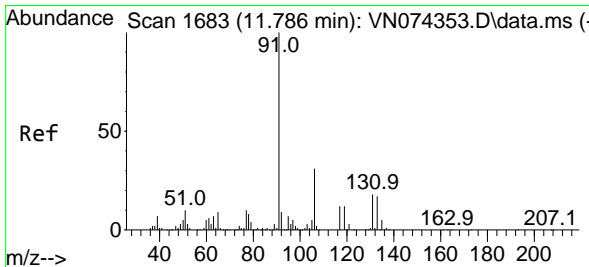
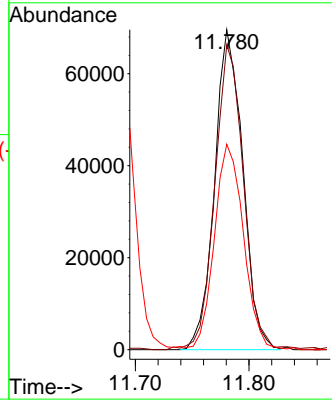
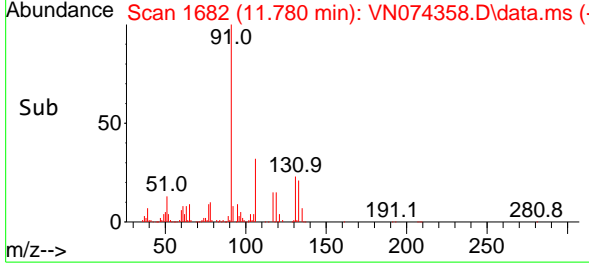
#65  
 1,1,1,2-Tetrachloroethane  
 Concen: 19.391 ug/l  
 RT: 11.780 min Scan# 1682  
 Delta R.T. 0.000 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51

**Instrument :** MSVOA\_N  
**ClientSampleId :** ICVVN090822

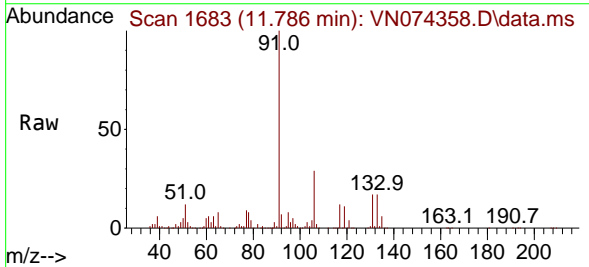


Tgt Ion: 131 Resp: 119774  
 Ion Ratio Lower Upper  
 131 100  
 133 96.4 0.0 191.2  
 119 66.3 0.0 128.8

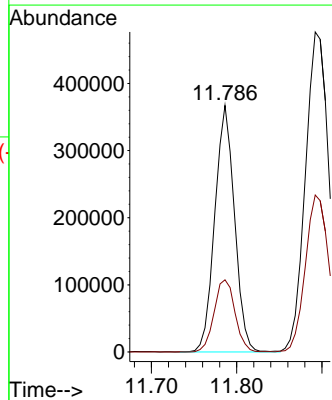
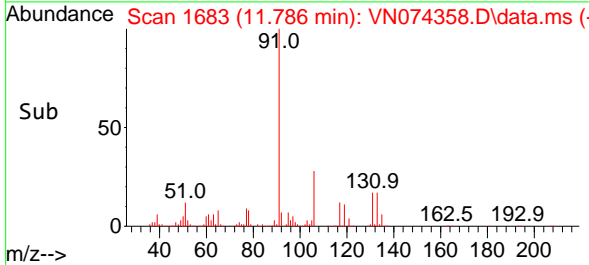
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 Supervised By :Mahesh Dadoda 09/09/2022

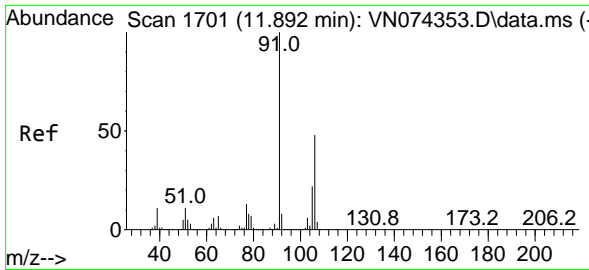


#66  
 Ethyl Benzene  
 Concen: 19.393 ug/l  
 RT: 11.786 min Scan# 1683  
 Delta R.T. 0.000 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51



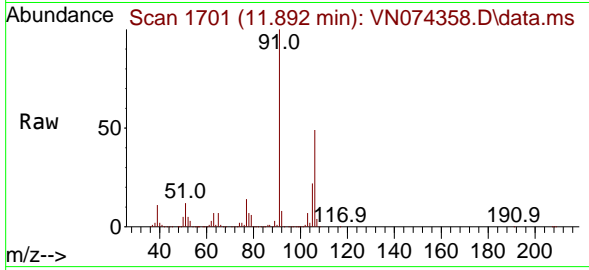
Tgt Ion: 91 Resp: 591112  
 Ion Ratio Lower Upper  
 91 100  
 106 29.2 24.0 36.0





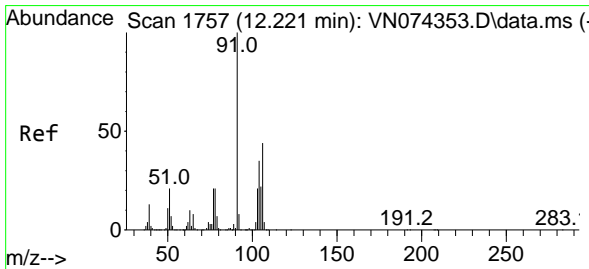
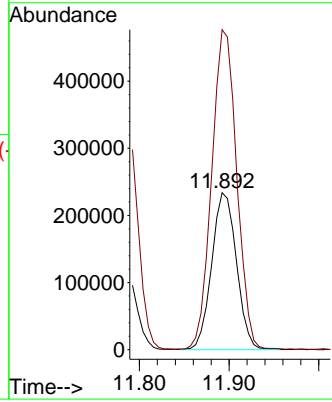
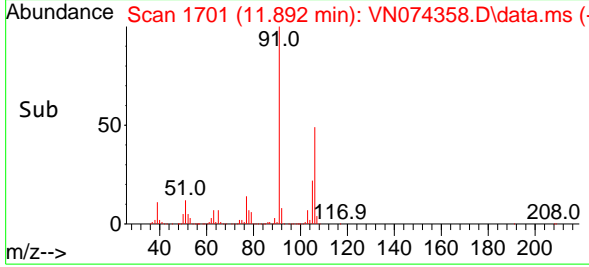
#67  
 m/p-Xylenes  
 Concen: 38.577 ug/l  
 RT: 11.892 min Scan# 1701  
 Delta R.T. 0.000 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51

Instrument : MSVOA\_N  
 ClientSampleId : ICVVN090822

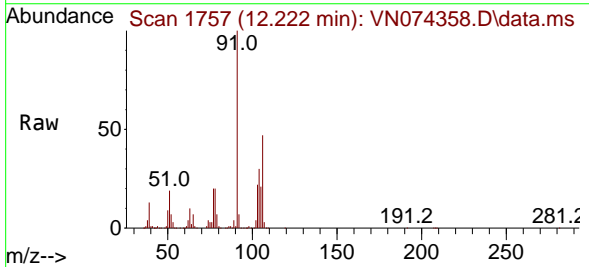


Tgt Ion:106 Resp: 448339  
 Ion Ratio Lower Upper  
 106 100  
 91 204.7 162.9 244.3

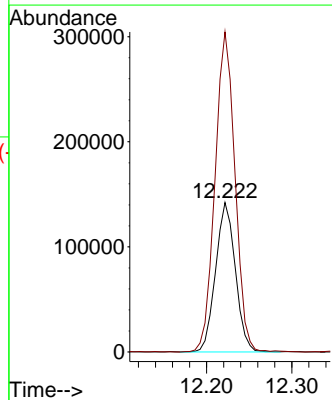
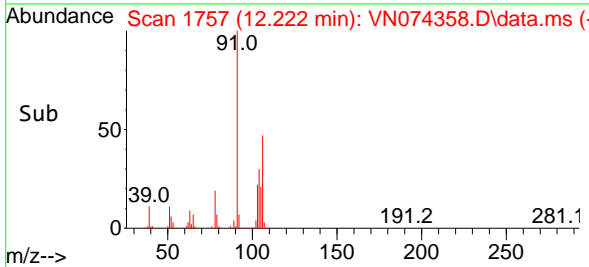
Manual Integrations  
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 Reviewed By :John Carlone 09/09/2022  
 Supervised By :Mahesh Dadoda 09/09/2022

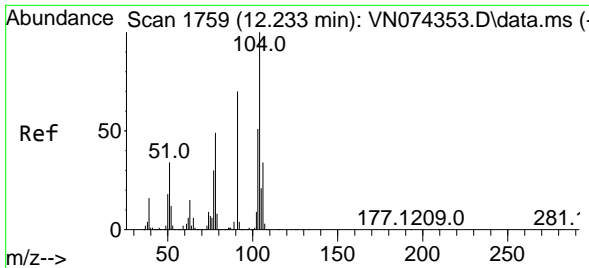


#68  
 o-Xylene  
 Concen: 19.322 ug/l  
 RT: 12.222 min Scan# 1757  
 Delta R.T. 0.000 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51



Tgt Ion:106 Resp: 229183  
 Ion Ratio Lower Upper  
 106 100  
 91 216.4 107.7 323.1





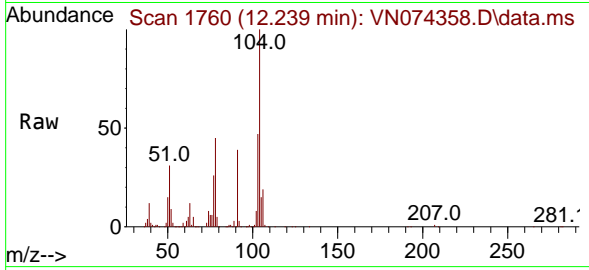
#69  
 Styrene  
 Concen: 18.597 ug/l  
 RT: 12.239 min Scan# 1759  
 Delta R.T. 0.006 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51

Instrument :

MSVOA\_N

ClientSampleId :

ICVVN090822



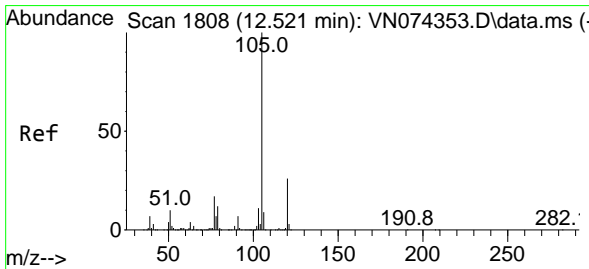
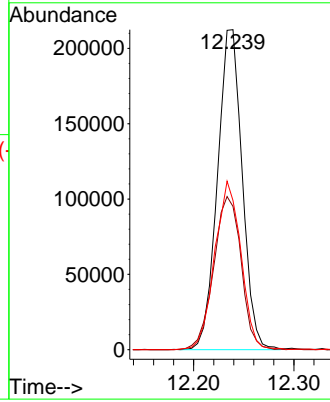
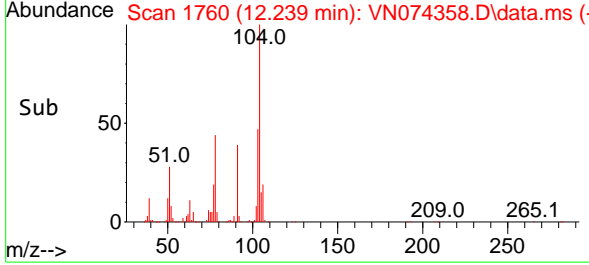
Tgt Ion:104 Resp: 36487  
 Ion Ratio Lower Upper  
 104 100  
 78 53.0 40.7 61.1  
 103 55.8 45.8 68.8

Manual Integrations

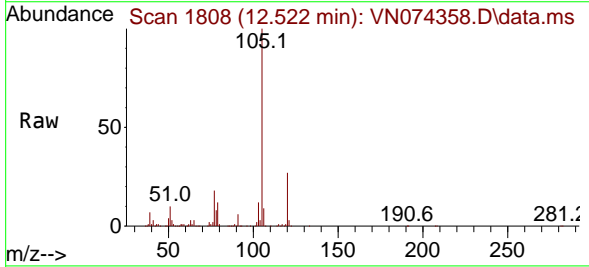
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Reviewed By :John Carlone 09/09/2022

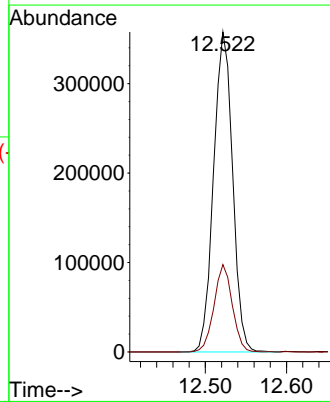
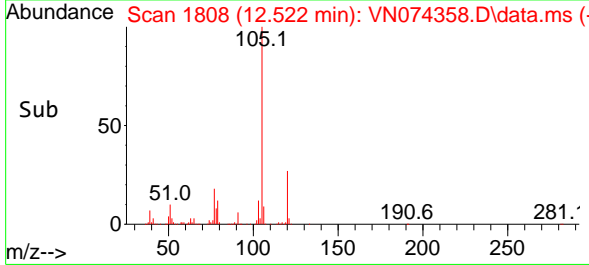
Supervised By :Mahesh Dadoda 09/09/2022

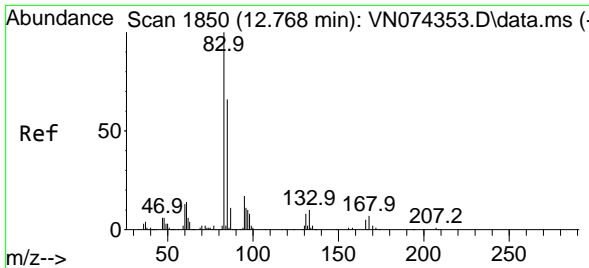


#70  
 Isopropylbenzene  
 Concen: 18.895 ug/l  
 RT: 12.522 min Scan# 1808  
 Delta R.T. 0.000 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51



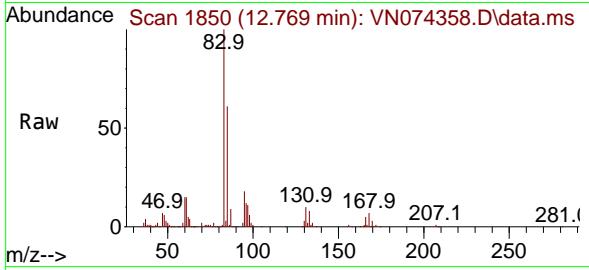
Tgt Ion:105 Resp: 582054  
 Ion Ratio Lower Upper  
 105 100  
 120 26.2 18.3 34.1





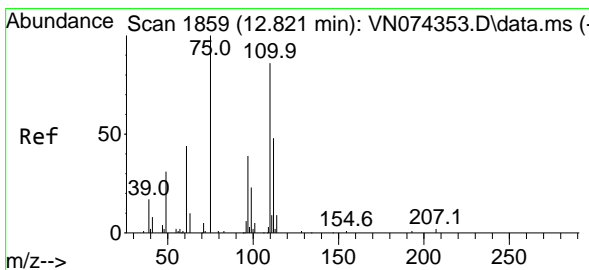
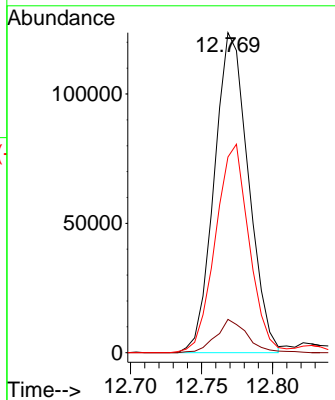
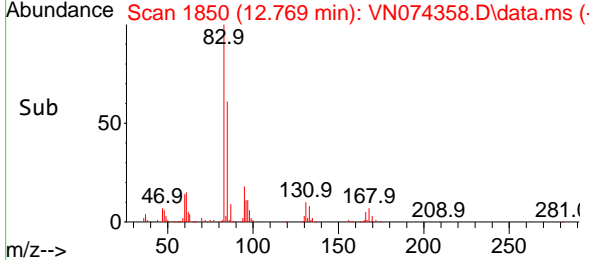
#71  
 1,1,2,2-Tetrachloroethane  
 Concen: 19.246 ug/l  
 RT: 12.769 min Scan# 1850  
 Delta R.T. 0.000 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51

**Instrument :**  
 MSVOA\_N  
**ClientSampleId :**  
 ICVVN090822

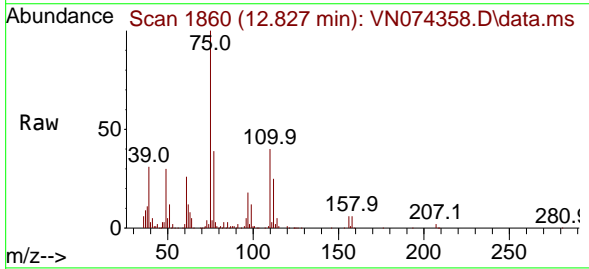


Tgt Ion: 83 Resp: 20674  
 Ion Ratio Lower Upper  
 83 100  
 131 9.6 5.1 15.3  
 85 64.4 33.1 99.2

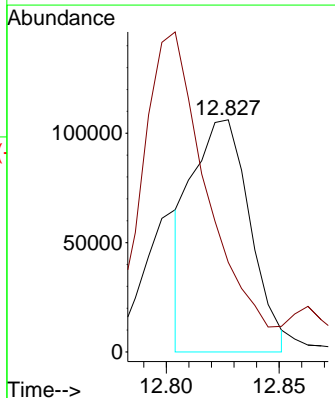
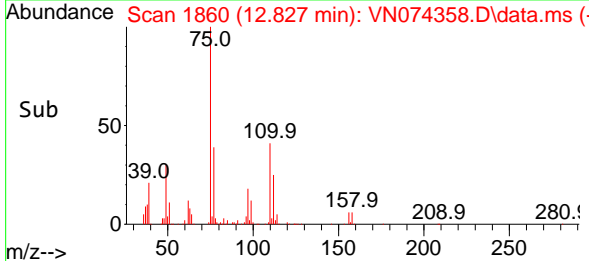
**Manual Integrations**  
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 Reviewed By :John Carlone 09/09/2022  
 Supervised By :Mahesh Dadoda 09/09/2022

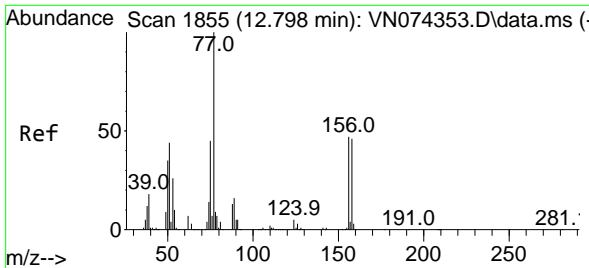


#72  
 1,2,3-Trichloropropane  
 Concen: 21.541 ug/l m  
 RT: 12.827 min Scan# 1860  
 Delta R.T. 0.006 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51



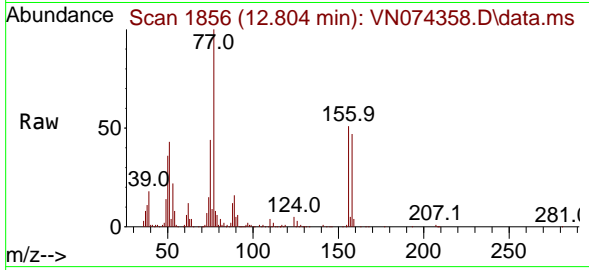
Tgt Ion: 75 Resp: 190045  
 Ion Ratio Lower Upper  
 75 100  
 77 156.8 0.0 378.0





#73  
 Bromobenzene  
 Concen: 18.827 ug/l  
 RT: 12.804 min Scan# 1856  
 Delta R.T. 0.006 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51

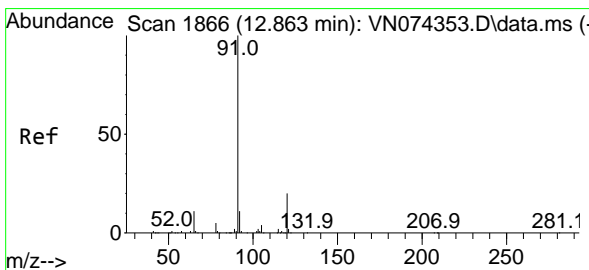
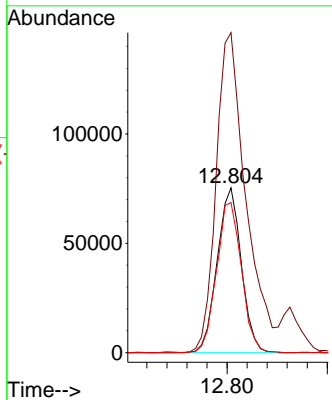
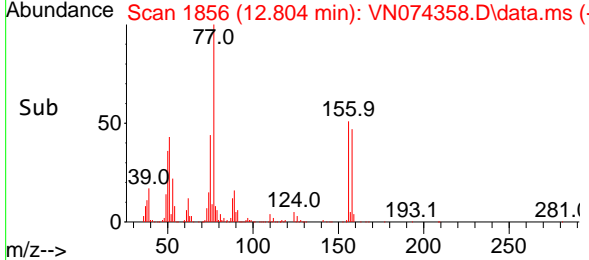
Instrument : MSVOA\_N  
 ClientSampleId : ICVVN090822



Tgt Ion: 156 Resp: 125788  
 Ion Ratio Lower Upper  
 156 100  
 77 237.0 0.0 416.0  
 158 94.0 0.0 195.4

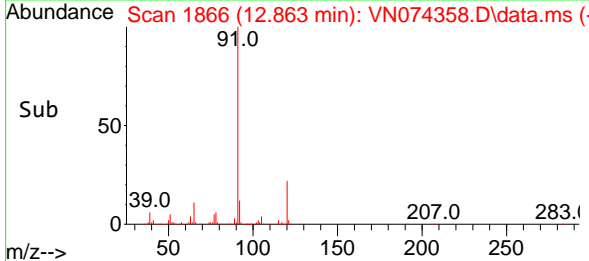
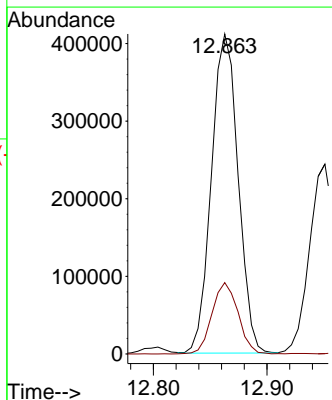
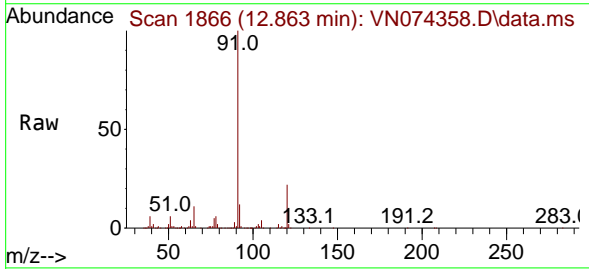
Manual Integrations  
**APPROVED**

Reviewed By :John Carlone 09/09/2022  
 Supervised By :Mahesh Dadoda 09/09/2022

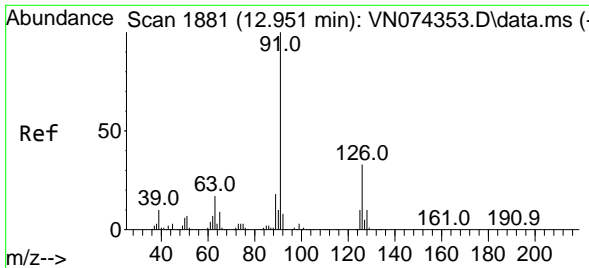


#74  
 n-propylbenzene  
 Concen: 18.792 ug/l  
 RT: 12.863 min Scan# 1866  
 Delta R.T. 0.000 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51

Tgt Ion: 91 Resp: 672823  
 Ion Ratio Lower Upper  
 91 100  
 120 21.8 0.0 45.0







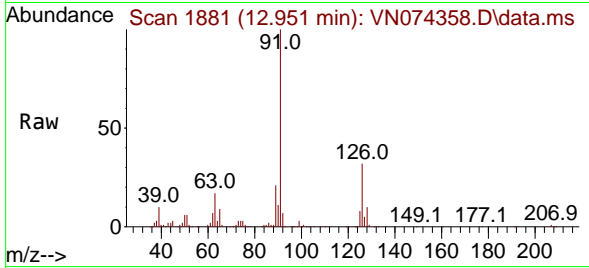
#75  
 2-Chlorotoluene  
 Concen: 19.017 ug/l  
 RT: 12.951 min Scan# 1881  
 Delta R.T. 0.000 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51

Instrument :

MSVOA\_N

Client Sample Id :

ICV\VN090822



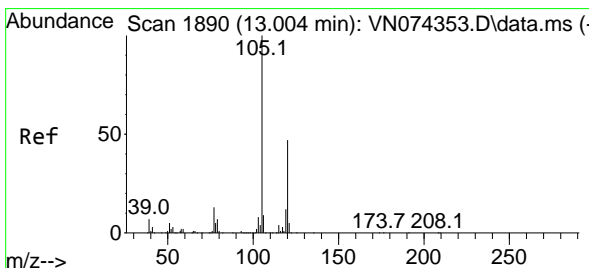
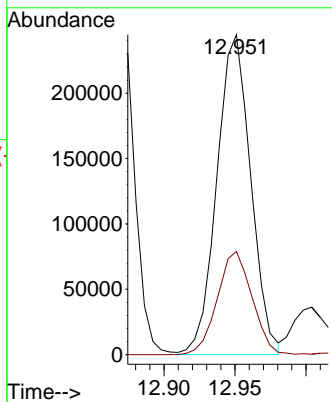
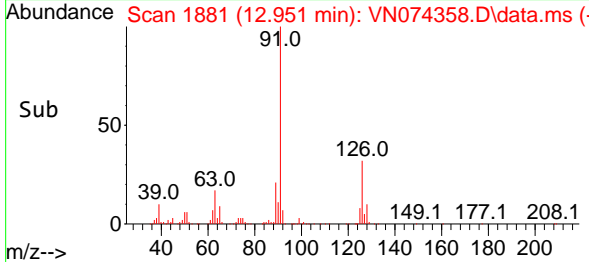
Tgt Ion: 91 Resp: 40632  
 Ion Ratio Lower Upper  
 91 100  
 126 33.1 0.0 69.8

Manual Integrations

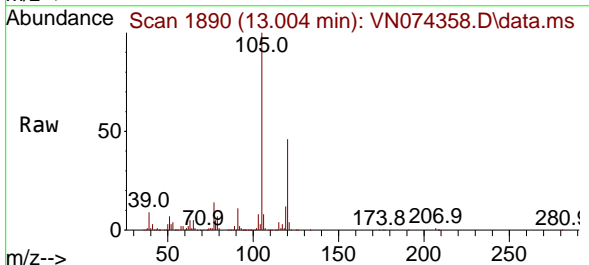
APPROVED

Reviewed By :John Carlone 09/09/2022

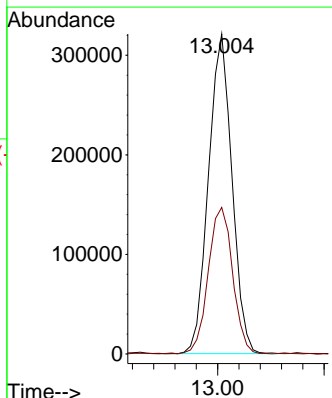
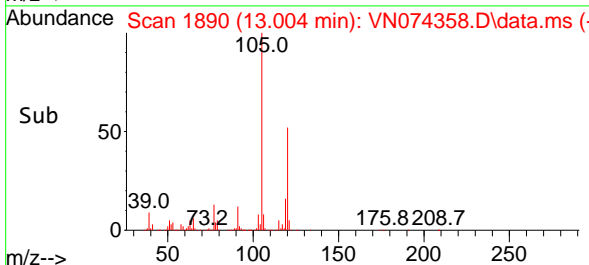
Supervised By :Mahesh Dadoda 09/09/2022

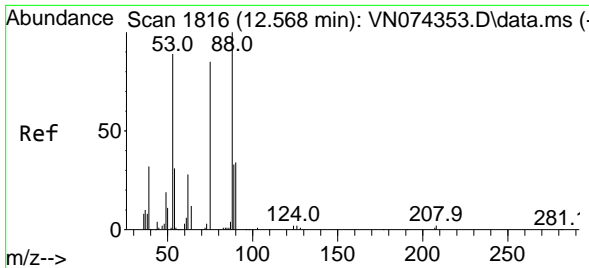


#76  
 1,3,5-Trimethylbenzene  
 Concen: 18.949 ug/l  
 RT: 13.004 min Scan# 1890  
 Delta R.T. 0.000 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51



Tgt Ion: 105 Resp: 490809  
 Ion Ratio Lower Upper  
 105 100  
 120 47.7 0.0 93.8





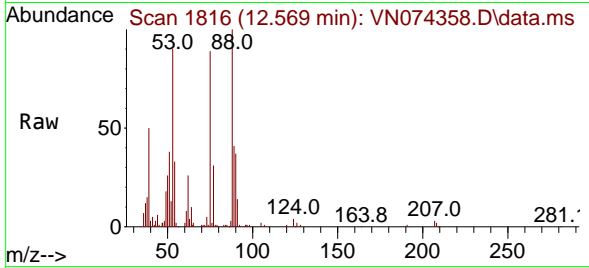
#77  
 t-1,4-Dichloro-2-butene  
 Concen: 18.524 ug/l  
 RT: 12.569 min Scan# 1816  
 Delta R.T. 0.000 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51

Instrument :

MSVOA\_N

ClientSampleId :

ICVVN090822



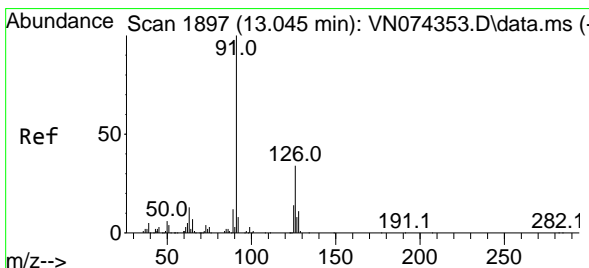
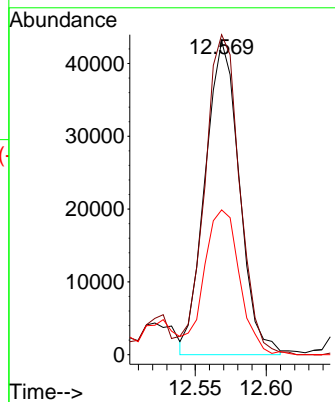
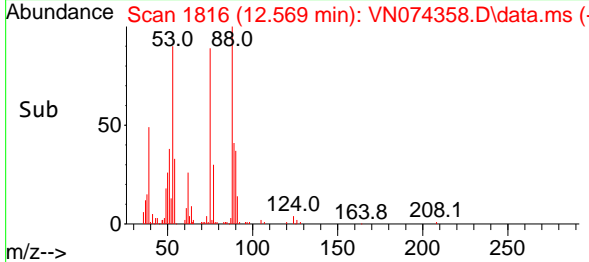
Tgt Ion: 75 Resp: 7227  
 Ion Ratio Lower Upper  
 75 100  
 53 102.4 51.8 155.5  
 89 45.7 22.9 68.7

Manual Integrations

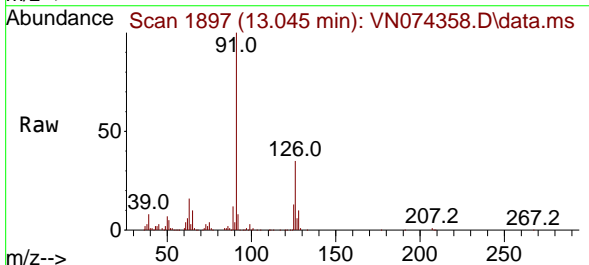
APPROVED

Reviewed By :John Carlone 09/09/2022

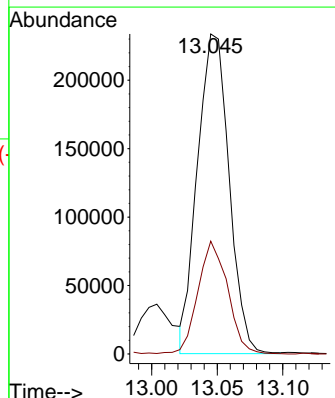
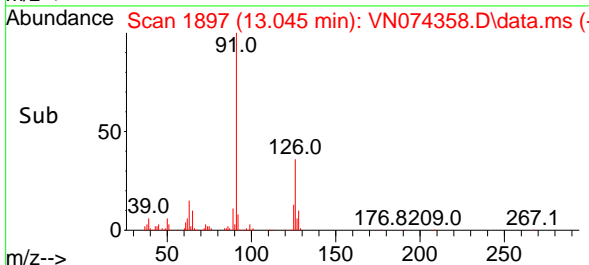
Supervised By :Mahesh Dadoda 09/09/2022

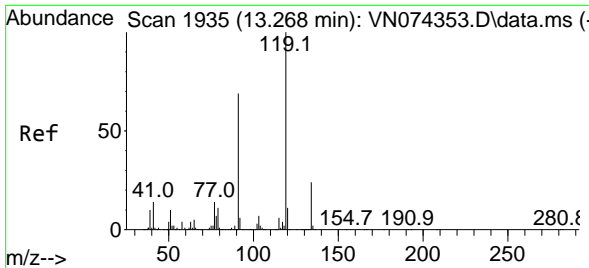


#78  
 4-Chlorotoluene  
 Concen: 18.626 ug/l  
 RT: 13.045 min Scan# 1897  
 Delta R.T. 0.000 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51



Tgt Ion: 91 Resp: 391708  
 Ion Ratio Lower Upper  
 91 100  
 126 33.2 0.0 70.6





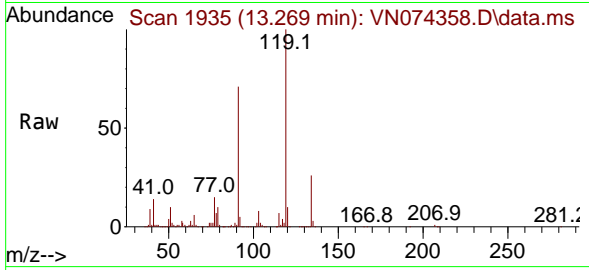
#79  
 tert-butylbenzene  
 Concen: 18.584 ug/l  
 RT: 13.269 min Scan# 1935  
 Delta R.T. 0.000 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51

Instrument :

MSVOA\_N

ClientSampleId :

ICVVN090822



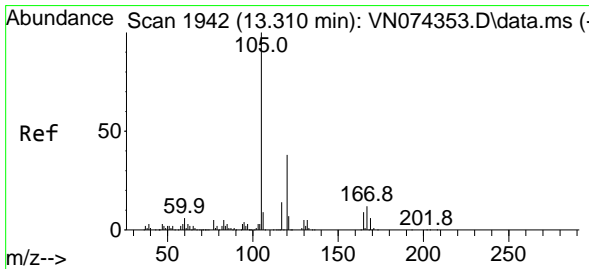
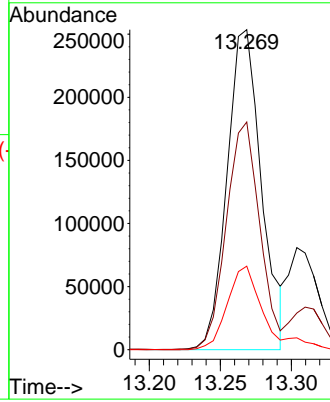
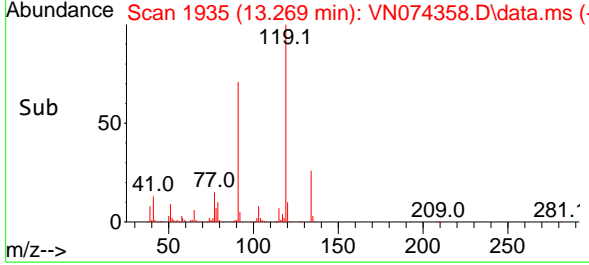
Tgt Ion:119 Resp: 427990  
 Ion Ratio Lower Upper  
 119 100  
 91 68.6 0.0 137.0  
 134 24.9 0.0 47.6

Manual Integrations

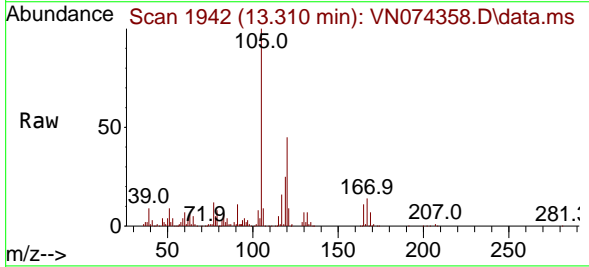
APPROVED

Reviewed By :John Carlone 09/09/2022

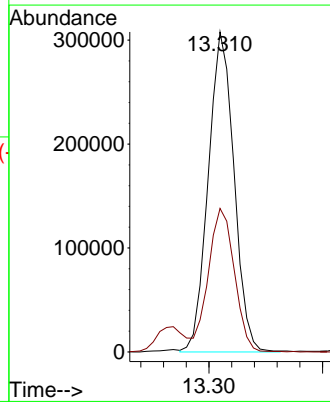
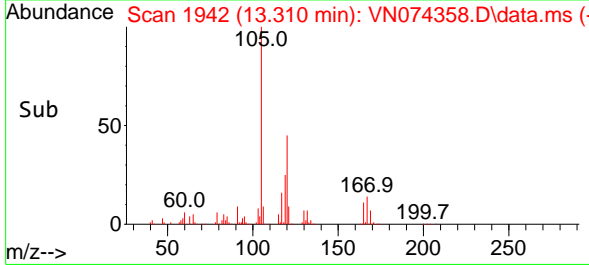
Supervised By :Mahesh Dadoda 09/09/2022

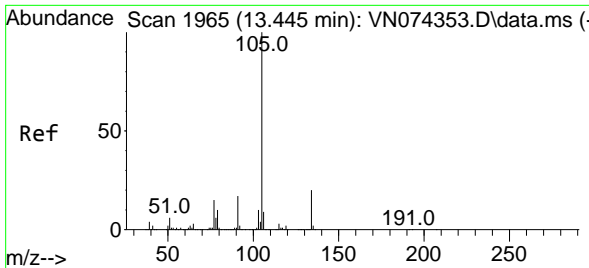


#80  
 1,2,4-Trimethylbenzene  
 Concen: 18.590 ug/l  
 RT: 13.310 min Scan# 1942  
 Delta R.T. 0.000 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51



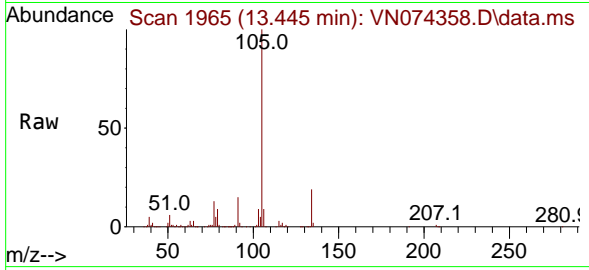
Tgt Ion:105 Resp: 484713  
 Ion Ratio Lower Upper  
 105 100  
 120 45.0 0.0 0.2#





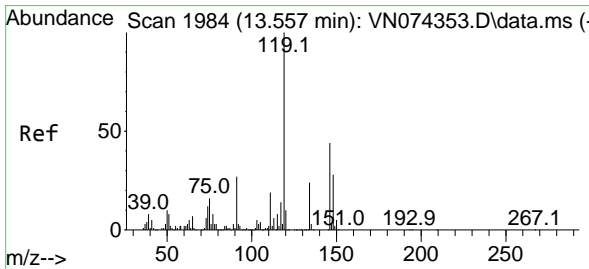
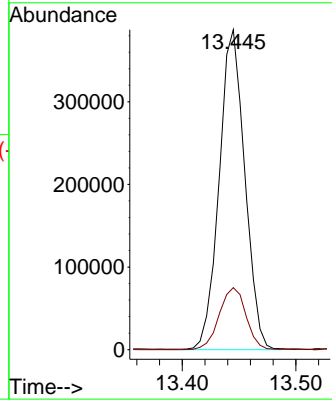
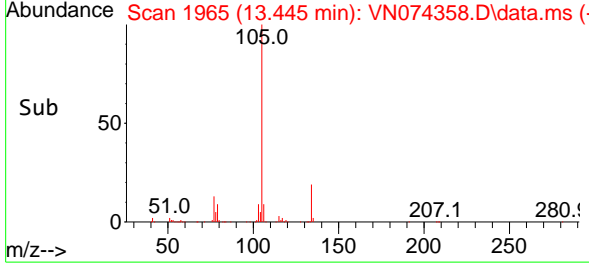
#81  
 sec-Butylbenzene  
 Concen: 18.902 ug/l  
 RT: 13.445 min Scan# 1965  
 Delta R.T. 0.000 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51

Instrument : MSVOA\_N  
 ClientSampleId : ICVVN090822

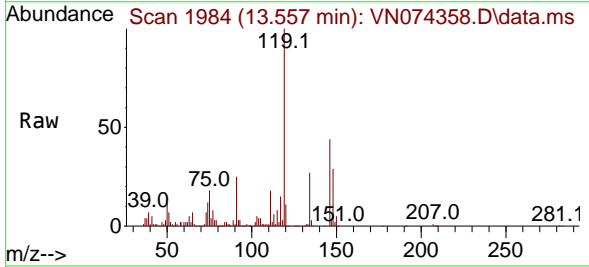


Tgt Ion:105 Resp: 60710  
 Ion Ratio Lower Upper  
 105 100  
 134 20.3 0.0 39.4

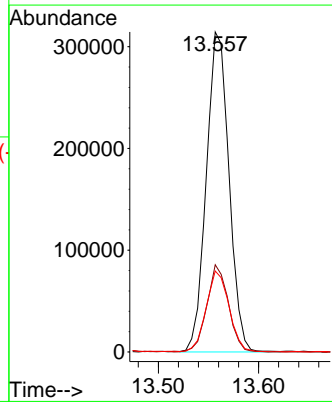
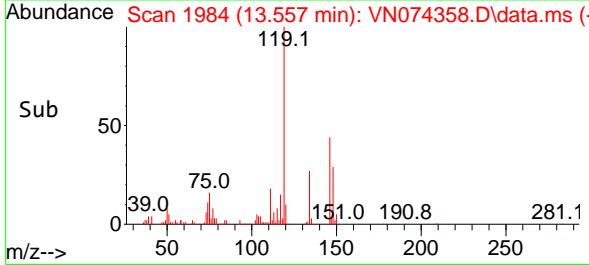
Manual Integrations  
**APPROVED**  
 Reviewed By :John Carlone 09/09/2022  
 Supervised By :Mahesh Dadoda 09/09/2022

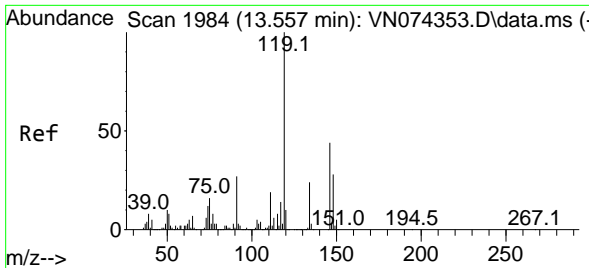


#82  
 p-Isopropyltoluene  
 Concen: 18.653 ug/l  
 RT: 13.557 min Scan# 1984  
 Delta R.T. 0.000 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51



Tgt Ion:119 Resp: 495245  
 Ion Ratio Lower Upper  
 119 100  
 134 25.8 0.0 51.8  
 91 25.5 0.0 50.4





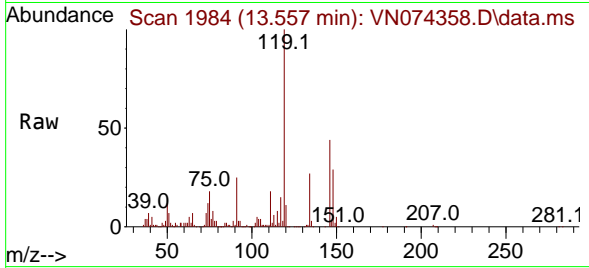
#83  
 1,3-Dichlorobenzene  
 Concen: 18.719 ug/l  
 RT: 13.557 min Scan# 1984  
 Delta R.T. 0.000 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51

Instrument :

MSVOA\_N

ClientSampleId :

ICVVN090822



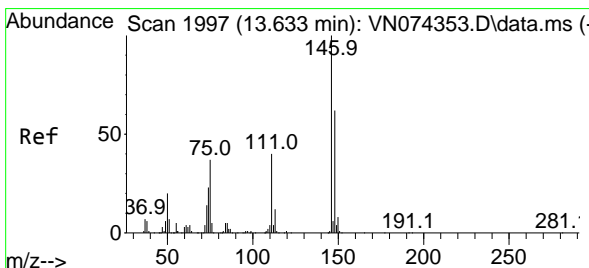
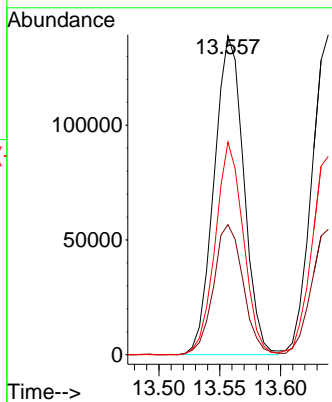
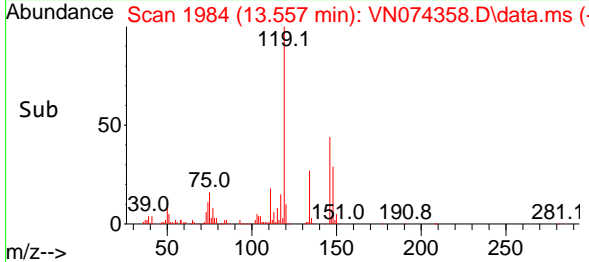
Tgt Ion:146 Resp: 235219  
 Ion Ratio Lower Upper  
 146 100  
 111 41.0 20.8 62.2  
 148 63.2 31.4 94.3

Manual Integrations

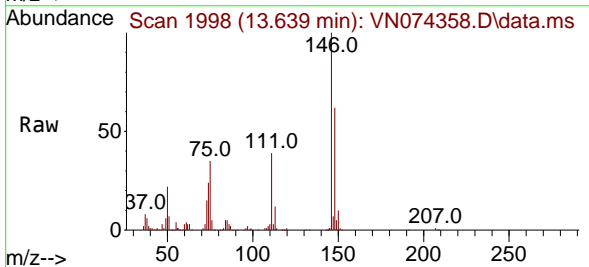
APPROVED

Reviewed By :John Carlone 09/09/2022

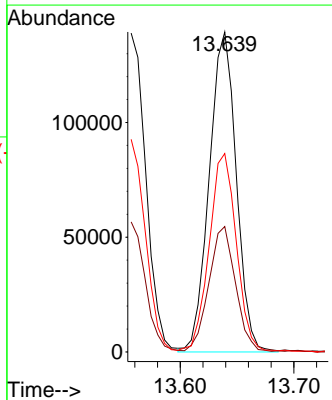
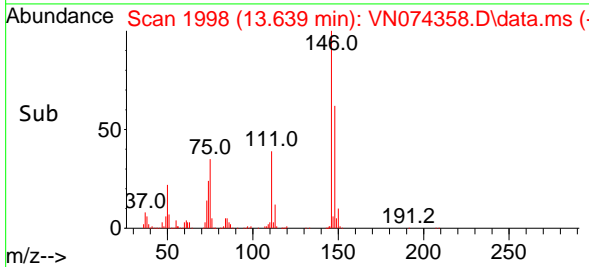
Supervised By :Mahesh Dadoda 09/09/2022

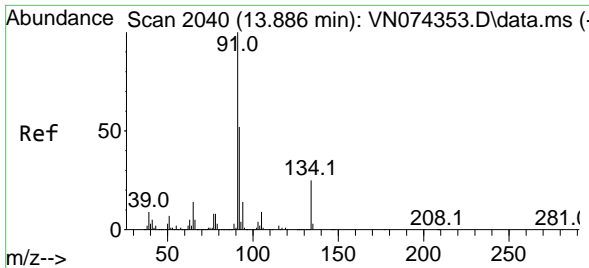


#84  
 1,4-Dichlorobenzene  
 Concen: 18.543 ug/l  
 RT: 13.639 min Scan# 1998  
 Delta R.T. 0.006 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51



Tgt Ion:146 Resp: 230810  
 Ion Ratio Lower Upper  
 146 100  
 111 38.8 19.5 58.5  
 148 62.5 31.1 93.5





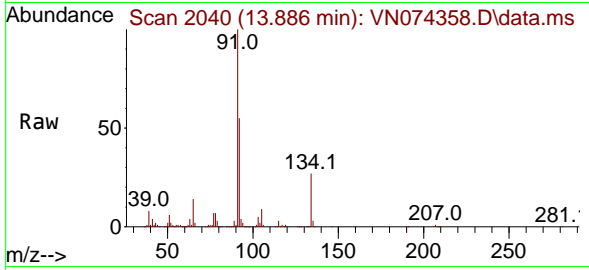
#85  
 n-Butylbenzene  
 Concen: 17.478 ug/l  
 RT: 13.886 min Scan# 2040  
 Delta R.T. 0.000 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51

Instrument :

MSVOA\_N

ClientSampleId :

ICVVN090822



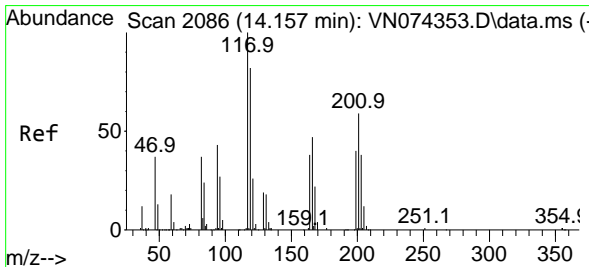
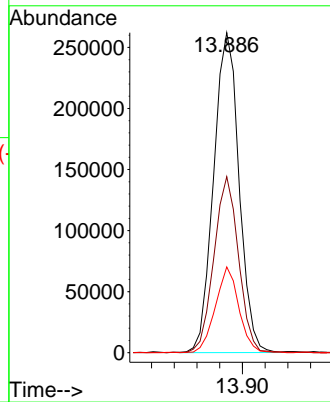
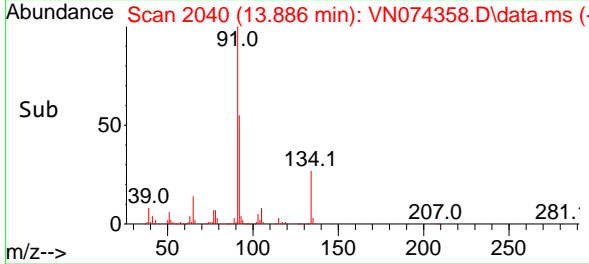
Tgt Ion: 91 Resp: 40724  
 Ion Ratio Lower Upper  
 91 100  
 92 52.9 0.0 100.6  
 134 24.8 0.0 50.2

Manual Integrations

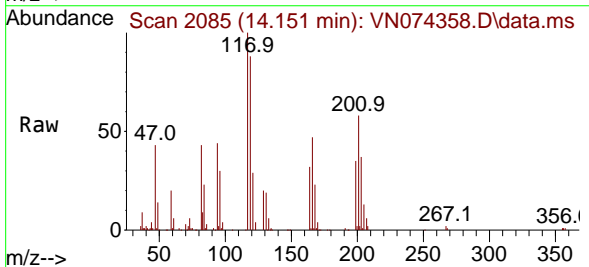
APPROVED

Reviewed By :John Carlone 09/09/2022

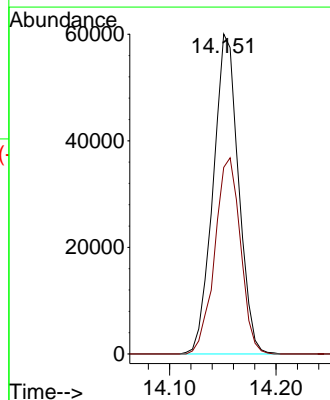
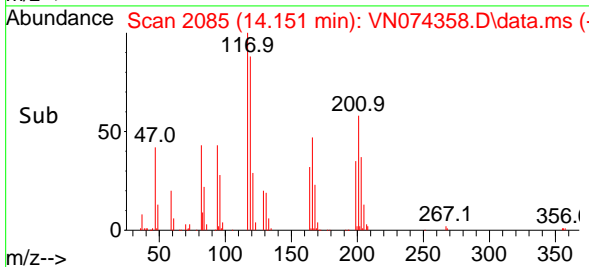
Supervised By :Mahesh Dadoda 09/09/2022

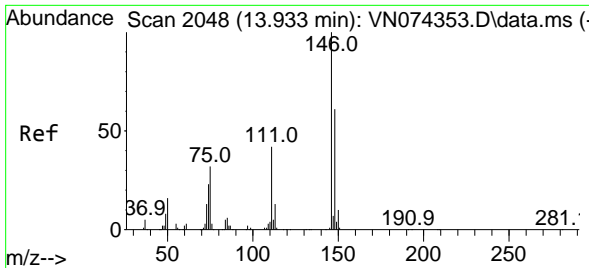


#86  
 Hexachloroethane  
 Concen: 19.151 ug/l  
 RT: 14.151 min Scan# 2085  
 Delta R.T. -0.006 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51



Tgt Ion:117 Resp: 99293  
 Ion Ratio Lower Upper  
 117 100  
 201 62.0 33.3 99.8





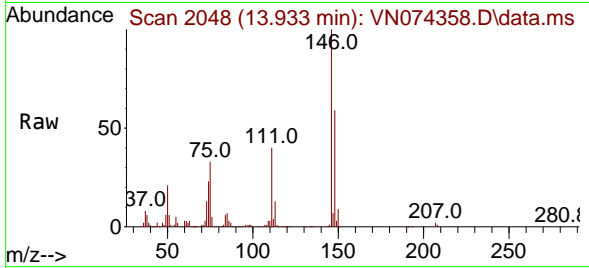
#87  
 1,2-Dichlorobenzene  
 Concen: 18.635 ug/l  
 RT: 13.933 min Scan# 2048  
 Delta R.T. 0.000 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51

Instrument :

MSVOA\_N

ClientSampleId :

ICVVN090822



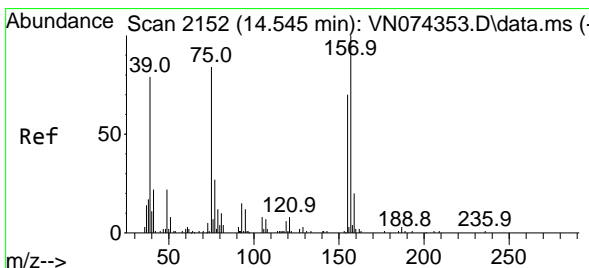
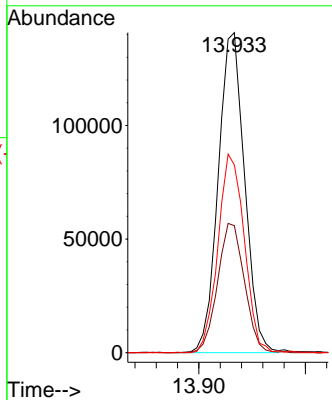
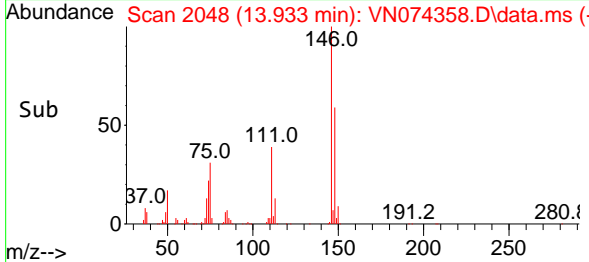
Tgt Ion:146 Resp: 24210  
 Ion Ratio Lower Upper  
 146 100  
 111 41.1 21.4 64.2  
 148 62.0 32.5 97.4

Manual Integrations

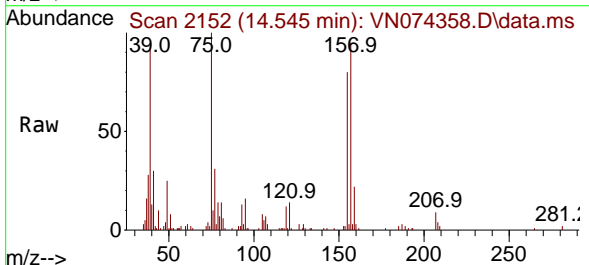
APPROVED

Reviewed By :John Carlone 09/09/2022

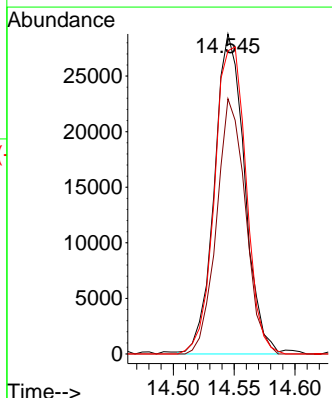
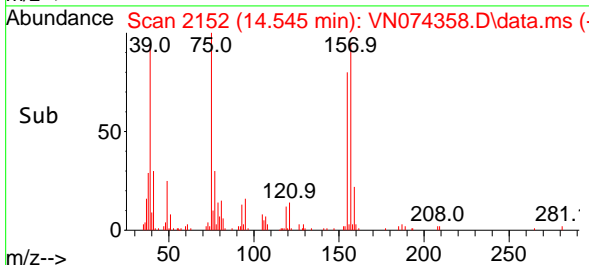
Supervised By :Mahesh Dadoda 09/09/2022

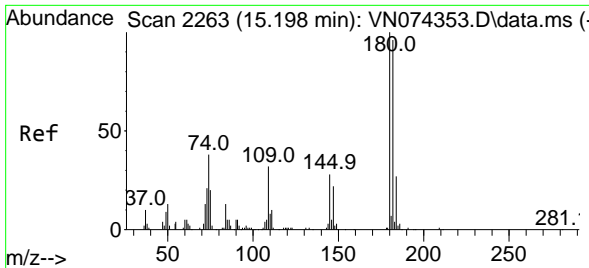


#88  
 1,2-Dibromo-3-Chloropropane  
 Concen: 18.930 ug/l  
 RT: 14.545 min Scan# 2152  
 Delta R.T. 0.000 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51



Tgt Ion: 75 Resp: 49802  
 Ion Ratio Lower Upper  
 75 100  
 155 76.2 63.8 95.8  
 157 100.2 77.9 116.9





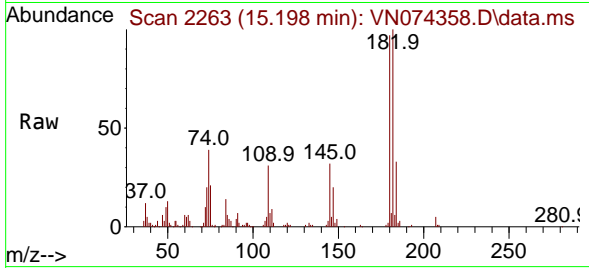
#89  
 1,2,4-Trichlorobenzene  
 Concen: 17.969 ug/l  
 RT: 15.198 min Scan# 2263  
 Delta R.T. 0.000 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51

Instrument :

MSVOA\_N

ClientSampleId :

ICVVN090822

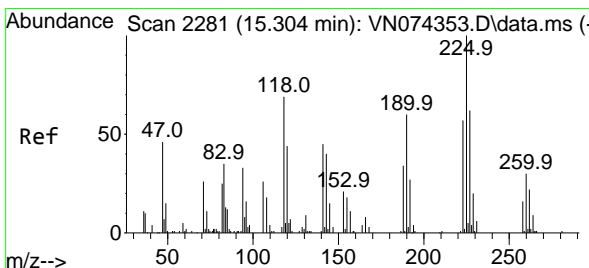
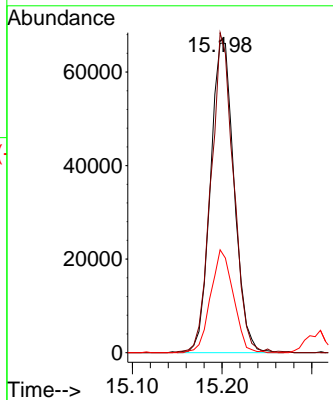
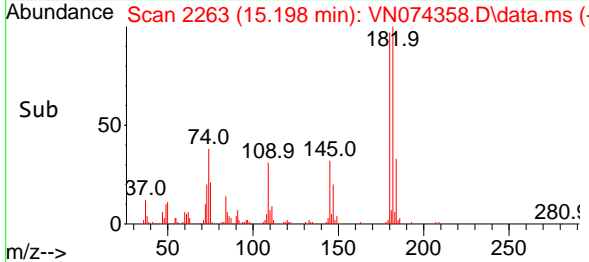


Tgt Ion:180 Resp: 12205  
 Ion Ratio Lower Upper  
 180 100  
 182 97.5 77.7 116.5  
 145 31.7 26.6 39.8

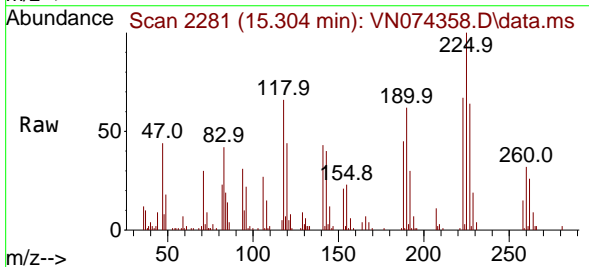
Manual Integrations

APPROVED

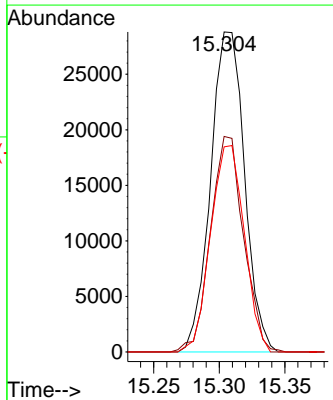
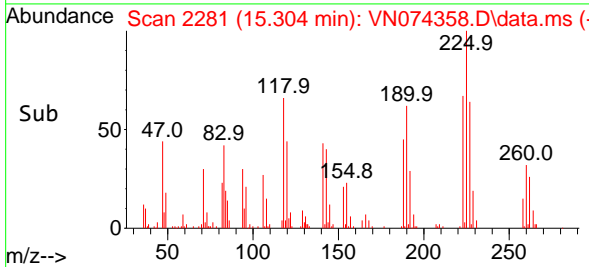
Reviewed By :John Carlone 09/09/2022  
 Supervised By :Mahesh Dadoda 09/09/2022



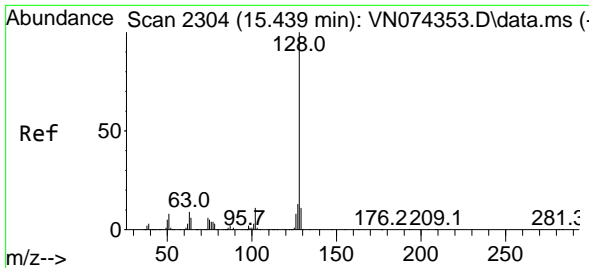
#90  
 Hexachlorobutadiene  
 Concen: 17.890 ug/l  
 RT: 15.304 min Scan# 2281  
 Delta R.T. 0.000 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51



Tgt Ion:225 Resp: 51861  
 Ion Ratio Lower Upper  
 225 100  
 223 65.7 0.0 126.8  
 227 64.0 0.0 123.0







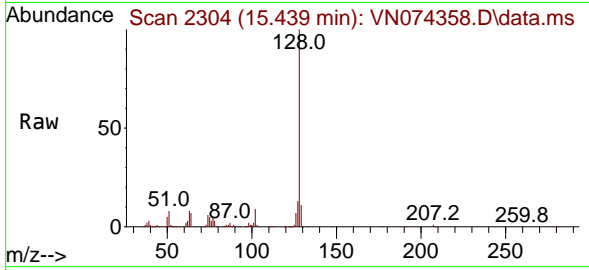
#91  
 Naphthalene  
 Concen: 18.303 ug/l  
 RT: 15.439 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51

Instrument :

MSVOA\_N

Client Sample Id :

ICVVN090822



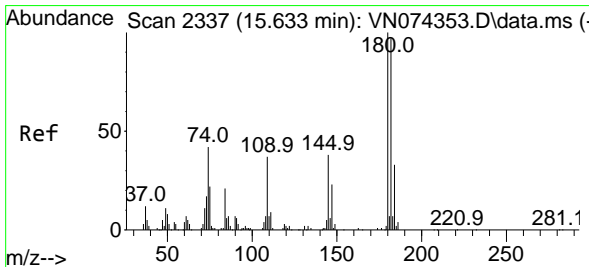
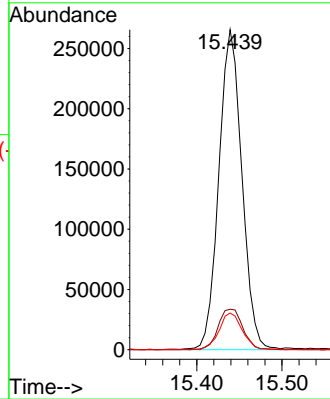
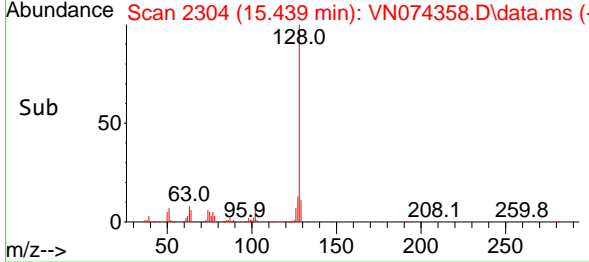
Tgt Ion:128 Resp: 49837  
 Ion Ratio Lower Upper  
 128 100  
 127 13.6 10.7 16.1  
 129 11.6 9.0 13.6

Manual Integrations

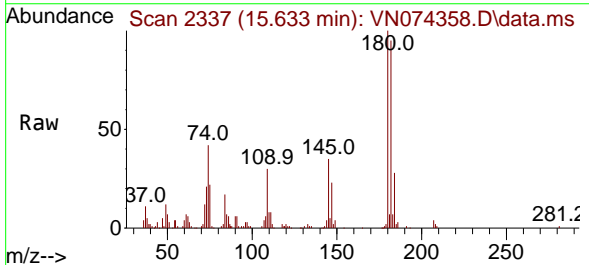
APPROVED

Reviewed By :John Carlone 09/09/2022

Supervised By :Mahesh Dadoda 09/09/2022



#92  
 1,2,3-Trichlorobenzene  
 Concen: 18.355 ug/l  
 RT: 15.633 min Scan# 2337  
 Delta R.T. 0.000 min  
 Lab File: VN074358.D  
 Acq: 08 Sep 2022 14:51



Tgt Ion:180 Resp: 126582  
 Ion Ratio Lower Upper  
 180 100  
 182 94.2 0.0 190.0  
 145 34.3 0.0 67.8

