

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101823\
 Data File : VN079596.D
 Acq On : 18 Oct 2023 12:28
 Operator : JC\MD
 Sample : VN1018WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
ClientSampleId :
 VN1018WBS01

Manual Integrations
APPROVED
 Reviewed By :John
 Carlone

Quant Time: Oct 19 06:12:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 18 02:19:15 2023
 Response via : Initial Calibration

10/19/2023
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Bromochloromethane	7.824	128	21639	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	163074	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	198204	30.000	ug/l	0.00

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System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	93932	30.531	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.767%
60) 4-Bromofluorobenzene	12.853	95	111920	30.878	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	102.933%
63) Toluene-d8	10.571	98	255693	30.106	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.367%

Target Compounds	Qvalue					
2) Dichlorodifluoromethane	2.130	85	68709	21.895	ug/l	94
3) Chloromethane	2.366	50	83219	20.461	ug/l	99
4) Vinyl Chloride	2.519	62	90565	20.632	ug/l	97
5) Bromomethane	2.960	94	54579	20.054	ug/l	90
6) Chloroethane	3.124	64	63248	20.471	ug/l	93
7) Trichlorofluoromethane	3.495	101	114865	21.445	ug/l	96
8) Diethyl Ether	3.960	74	40752	20.992	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.383	101	67332	21.971	ug/l	98
10) 1,1-Dichloroethene	4.348	96	61406	21.061	ug/l	92
11) Methyl Iodide	4.589	142	69962	21.673	ug/l	99
12) Methyl Acetate	5.030	43	143111	20.361	ug/l	93
13) Acrolein	4.183	56	66145	113.841	ug/l	99
14) Acrylonitrile	5.724	53	179622	106.712	ug/l	98
15) Acetone	4.430	58	57386	107.622	ug/l	87
16) Carbon Disulfide	4.712	76	180482	20.300	ug/l	98
17) Allyl chloride	5.030	41	92288	20.530	ug/l	95
18) Methylene Chloride	5.283	84	78320	21.824	ug/l	95
19) trans-1,2-Dichloroethene	5.789	96	71487	21.916	ug/l	97
20) Diisopropyl ether	6.677	45	234308	21.982	ug/l	96
21) 1,1-Dichloroethane	6.571	63	139214	21.493	ug/l	98
22) cis-1,2-Dichloroethene	7.495	96	80976	21.553	ug/l	95
23) tert-Butyl Alcohol	5.524	59	51001	90.610	ug/l #	100
24) Methyl tert-Butyl Ether	5.807	73	204710	20.925	ug/l	100
25) Chloroform	7.971	83	142017	21.699	ug/l	87
26) Cyclohexane	8.259	56	103210	21.079	ug/l #	98
29) 1,1-Dichloropropene	8.377	75	104027	21.829	ug/l	100
30) 2-Butanone	7.489	43	242973	101.713	ug/l	98
31) 2,2-Dichloropropane	7.495	77	112579	20.952	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	121990	21.537	ug/l	99
33) Carbon Tetrachloride	8.359	117	102718	21.323	ug/l	98
34) Benzene	8.612	78	312475	21.581	ug/l	96
35) Methacrylonitrile	7.777	41	49000m	19.499	ug/l	
36) 1,2-Dichloroethane	8.677	62	110988	21.469	ug/l	99
37) Trichloroethene	9.359	130	73278	21.651	ug/l	97
38) Methylcyclohexane	9.606	83	94687	20.636	ug/l	99
39) 1,2-Dichloropropane	9.630	63	82763	21.660	ug/l	94
40) Dibromomethane	9.712	93	55683	22.206	ug/l	97
41) Bromodichloromethane	9.895	83	113378	21.817	ug/l	100
42) Vinyl Acetate	6.606	43	632046	104.303	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	97654	21.740	ug/l	97
44) Isopropyl Acetate	8.695	43	156241	19.567	ug/l	96
45) 1,4-Dioxane	9.700	88	25804	412.835	ug/l	93
46) Methyl methacrylate	9.683	41	73935	20.871	ug/l	96
47) n-amyl Acetate	12.500	43	118662	20.591	ug/l	97
48) t-1,3-Dichloropropene	10.842	75	108996	20.747	ug/l	95
49) cis-1,3-Dichloropropene	10.318	75	122538	21.331	ug/l	93
50) 1,1,2-Trichloroethane	11.018	97	72576	20.863	ug/l	88
51) Ethyl methacrylate	10.877	69	99655	20.763	ug/l	96
52) 1,3-Dichloropropane	11.165	76	130048	21.102	ug/l	100
53) Dibromochloromethane	11.359	129	77781	21.877	ug/l	99
54) 1,2-Dibromoethane	11.477	107	72684	21.179	ug/l	97
55) 2-Chloroethyl vinyl ether	10.165	63	177809	97.101	ug/l	98
56) Bromoform	12.583	173	50059	21.283	ug/l	97
58) 4-Methyl-2-Pentanone	10.447	43	494203	106.900	ug/l	100
59) 2-Hexanone	11.200	43	356865	105.220	ug/l	99
61) Tetrachloroethene	11.106	164	60819	22.349	ug/l	97
62) Toluene	10.636	91	331560	21.888	ug/l	100
64) Chlorobenzene	11.894	112	187644	21.358	ug/l	94
65) 1,1,1,2-Tetrachloroethane	11.965	131	72283	21.599	ug/l	98
66) Ethyl Benzene	11.965	91	336335	21.550	ug/l	96
67) m/p-Xylenes	12.077	106	259085	44.882	ug/l	94
68) o-Xylene	12.400	106	120526	21.840	ug/l	98
69) Styrene	12.418	104	204128	23.300	ug/l	98
70) Isopropylbenzene	12.700	105	309041	21.821	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.941	83	108963	21.638	ug/l	100
72) 1,2,3-Trichloropropane	13.000	75	97688m	21.362	ug/l	
73) Bromobenzene	12.988	156	73631	22.132	ug/l	98
74) n-propylbenzene	13.041	91	374104	22.689	ug/l	100
75) 2-Chlorotoluene	13.130	91	225859	22.034	ug/l	100
76) 1,3,5-Trimethylbenzene	13.177	105	261811	22.614	ug/l	99
77) t-1,4-Dichloro-2-butene	12.741	75	29800	21.351	ug/l	94
78) 4-Chlorotoluene	13.224	91	215959	22.299	ug/l	99
79) tert-butylbenzene	13.441	119	200518	21.542	ug/l	99
80) 1,2,4-Trimethylbenzene	13.488	105	255523	22.778	ug/l	100
81) sec-Butylbenzene	13.618	105	289753	22.173	ug/l	100
82) p-Isopropyltoluene	13.735	119	235549	22.724	ug/l	99
83) 1,3-Dichlorobenzene	13.741	146	122191	22.336	ug/l	98
84) 1,4-Dichlorobenzene	13.818	146	117393	22.384	ug/l	99
85) n-Butylbenzene	14.059	91	175741	21.699	ug/l	98
86) Hexachloroethane	14.335	117	47999	21.419	ug/l	100
87) 1,2-Dichlorobenzene	14.112	146	126034	23.178	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.724	75	15994	20.844	ug/l	98
89) 1,2,4-Trichlorobenzene	15.847	180	37031	19.321	ug/l	96
90) Hexachlorobutadiene	15.506	225	29594	21.799	ug/l	99
91) Naphthalene	15.647	128	79600	16.100	ug/l	99
92) 1,2,3-Trichlorobenzene	15.847	180	37031	19.321	ug/l	96

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

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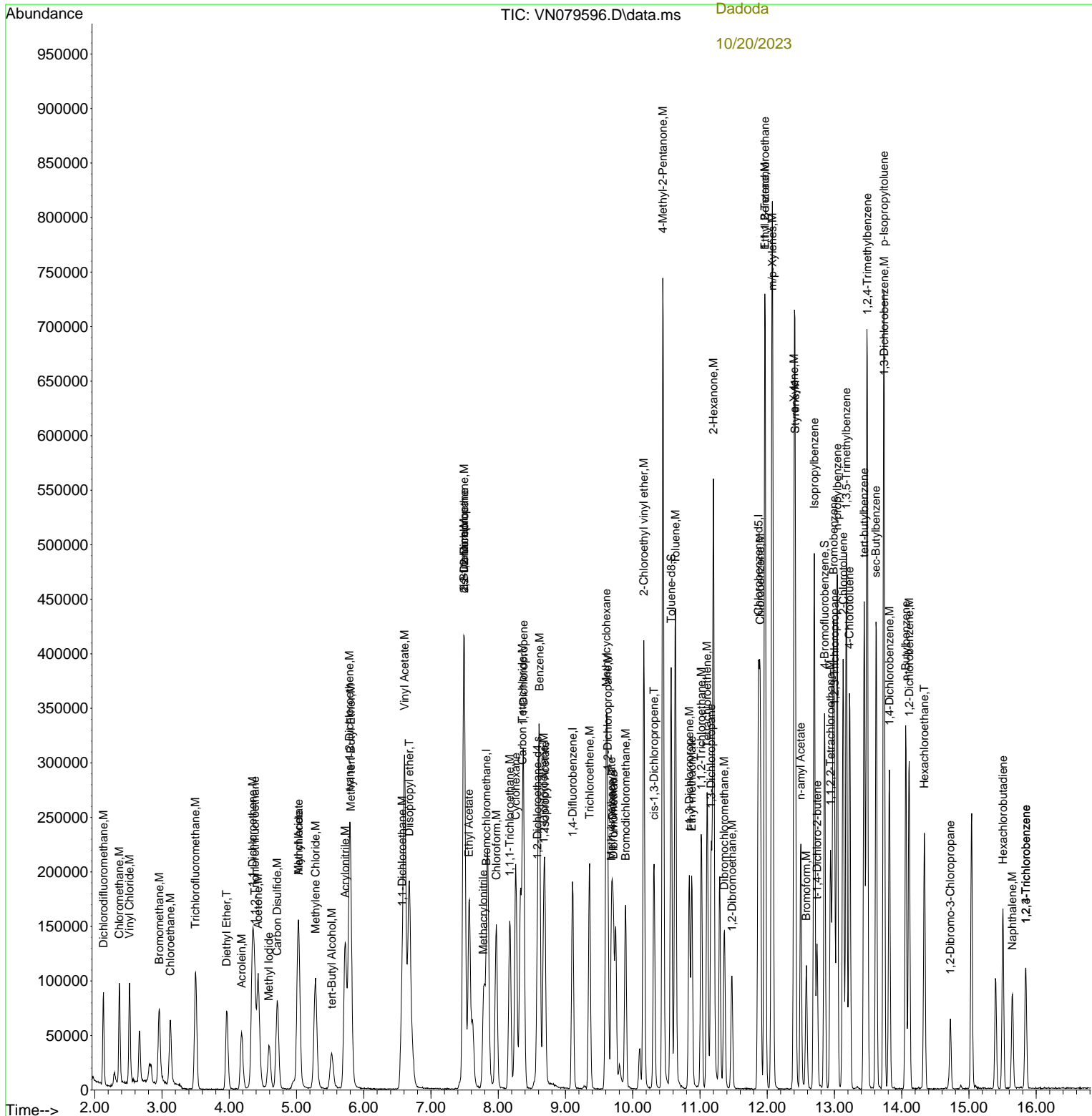
Instrument :
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ClientSampleId :
 VN1018WBS01

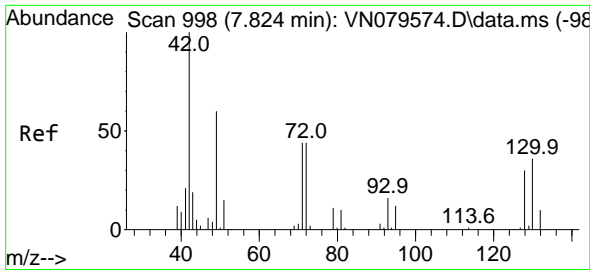
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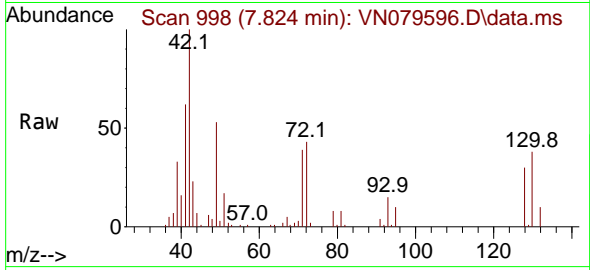
#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.000 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28

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Tgt Ion:128 Resp: 21639
 Ion Ratio Lower Upper
 128 100
 49 190.2 0.0 468.5
 130 131.4 0.0 320.7

Manual Integrations

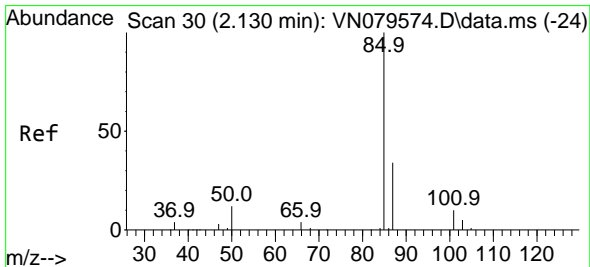
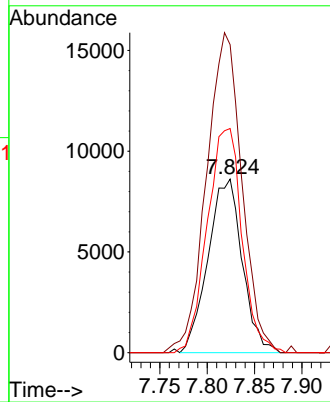
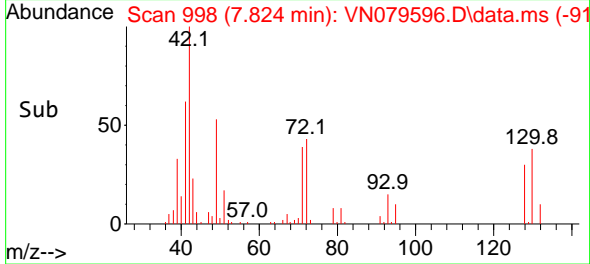
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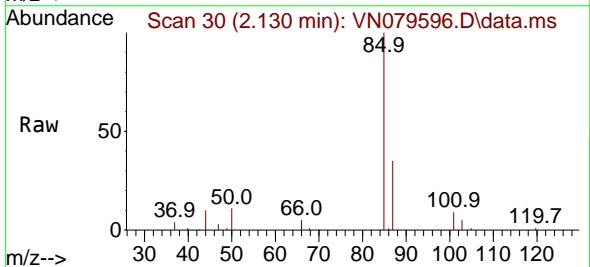
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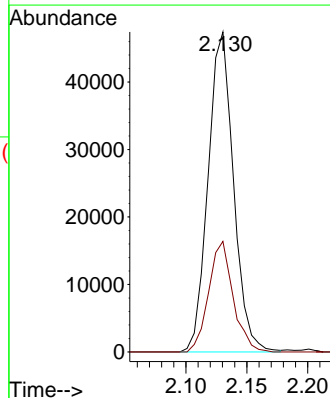
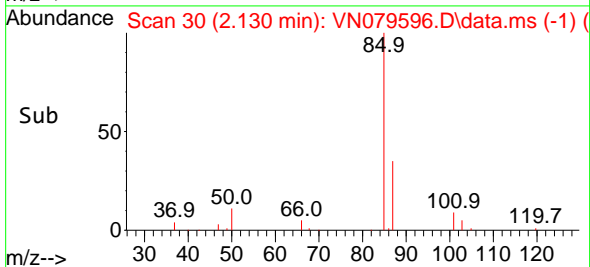
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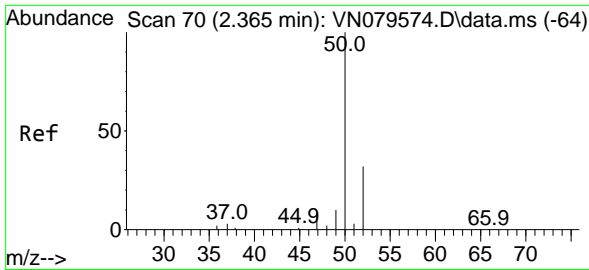


#2
 Dichlorodifluoromethane
 Concen: 21.895 ug/l
 RT: 2.130 min Scan# 30
 Delta R.T. 0.000 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28



Tgt Ion: 85 Resp: 68709
 Ion Ratio Lower Upper
 85 100
 87 34.5 15.6 46.7





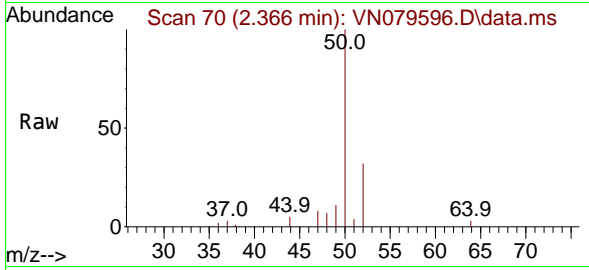
#3
 Chloromethane
 Concen: 20.461 ug/l
 RT: 2.366 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28

Instrument :

MSVOA_N

ClientSampleId :

VN1018WBS01



Tgt Ion: 50 Resp: 83219
 Ion Ratio Lower Upper
 50 100
 52 32.3 25.6 38.4

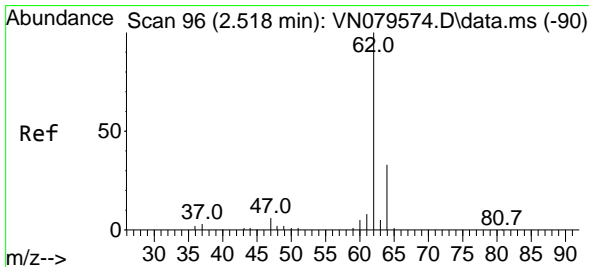
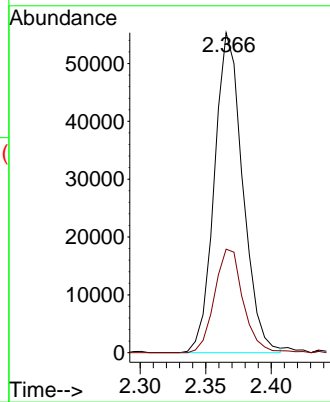
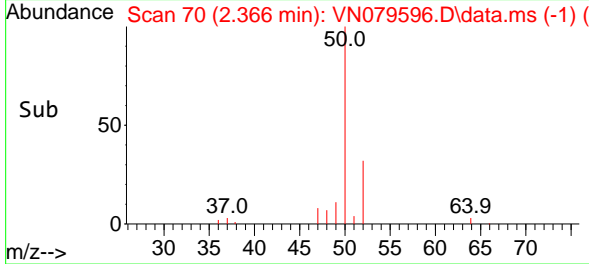
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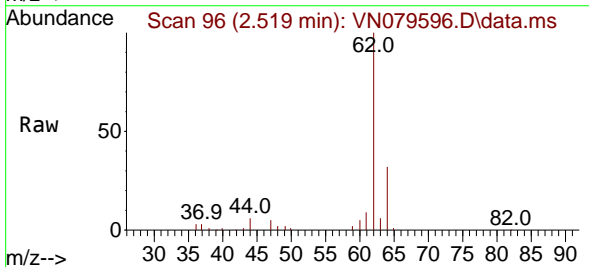
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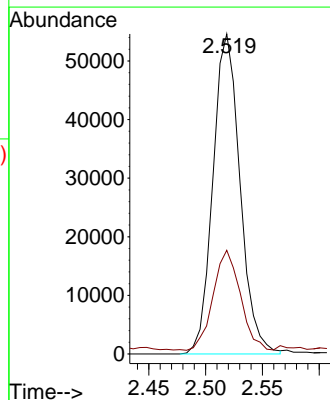
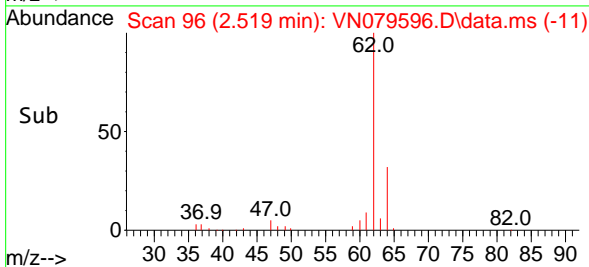
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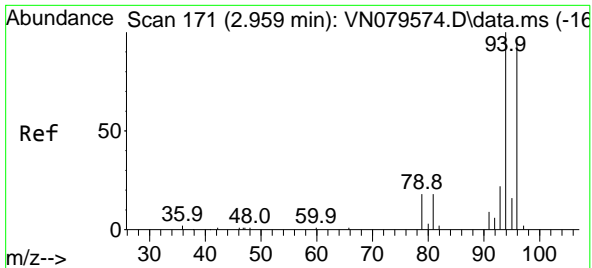


#4
 Vinyl Chloride
 Concen: 20.632 ug/l
 RT: 2.519 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28



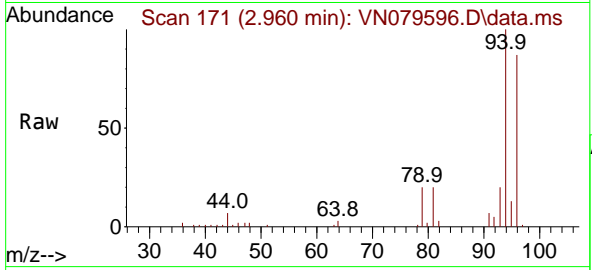
Tgt Ion: 62 Resp: 90565
 Ion Ratio Lower Upper
 62 100
 64 31.1 26.4 39.6





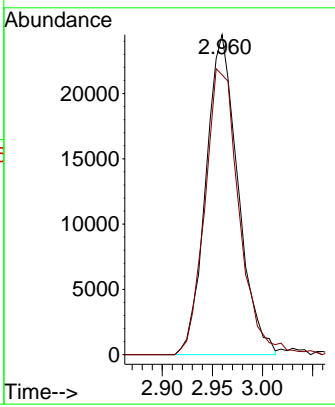
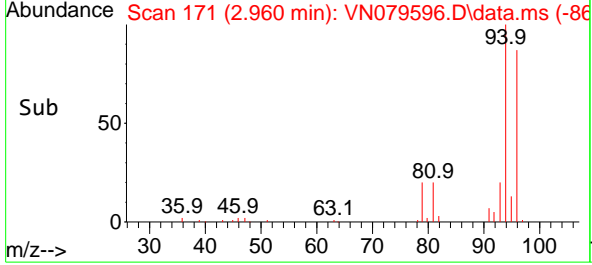
#5
 Bromomethane
 Concen: 20.054 ug/l
 RT: 2.960 min Scan# 171
 Delta R.T. 0.000 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28

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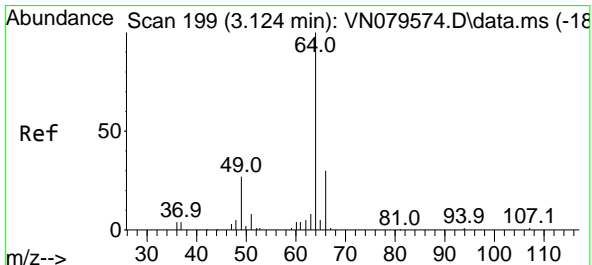


Tgt Ion: 94 Resp: 54579
 Ion Ratio Lower Upper
 94 100
 96 87.4 77.8 116.6

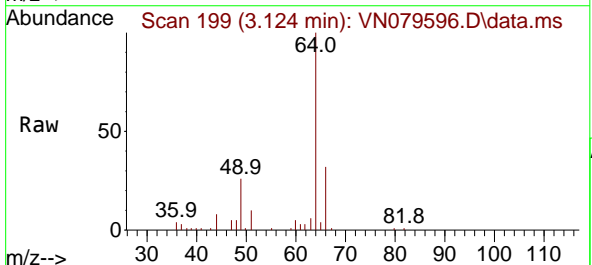
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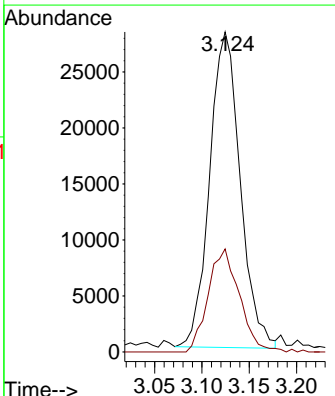
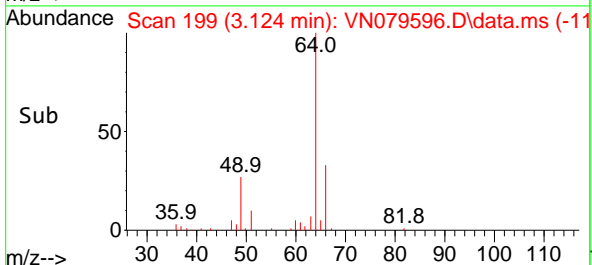
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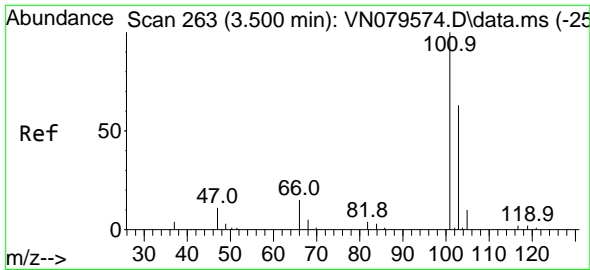


#6
 Chloroethane
 Concen: 20.471 ug/l
 RT: 3.124 min Scan# 199
 Delta R.T. 0.000 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28



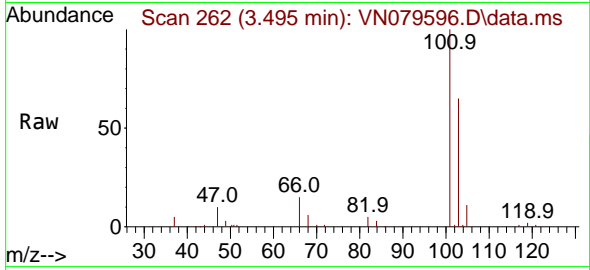
Tgt Ion: 64 Resp: 63248
 Ion Ratio Lower Upper
 64 100
 66 32.8 23.3 34.9





#7
 Trichlorofluoromethane
 Concen: 21.445 ug/l
 RT: 3.495 min Scan# 201
 Delta R.T. -0.005 min
 Lab File: VN079596.D
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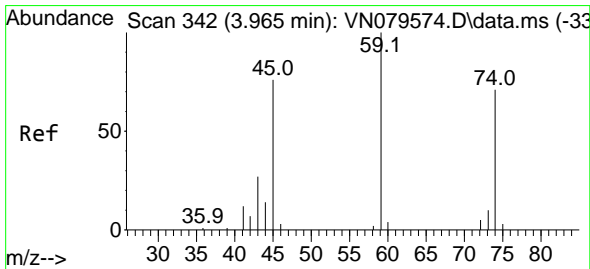
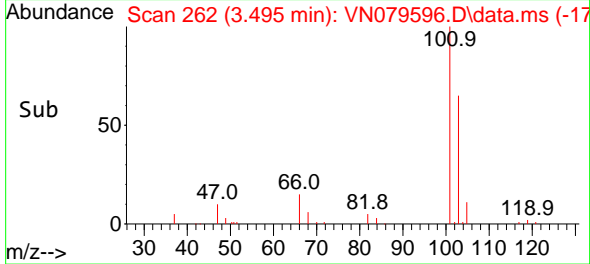
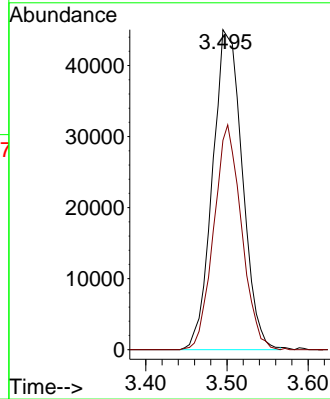
Tgt Ion:101 Resp: 11486
 Ion Ratio Lower Upper
 101 100
 103 65.4 49.9 74.9

Manual Integrations
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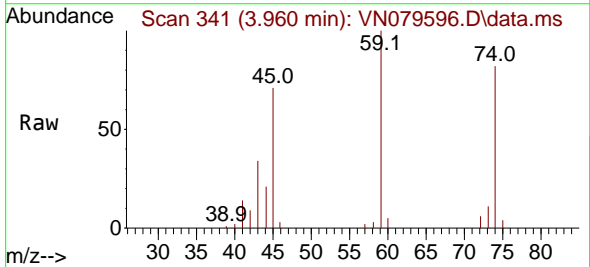
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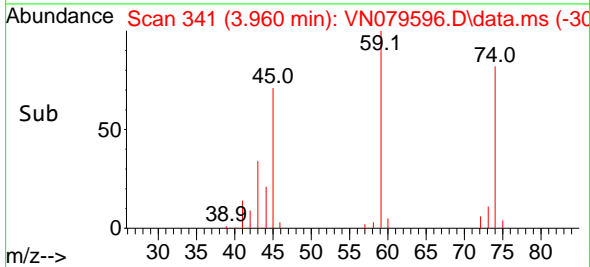
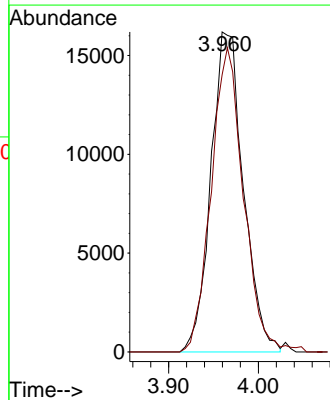
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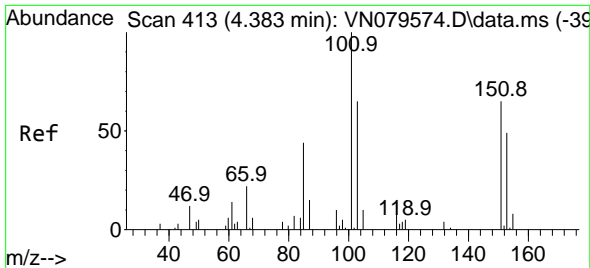


#8
 Diethyl Ether
 Concen: 20.992 ug/l
 RT: 3.960 min Scan# 341
 Delta R.T. -0.005 min
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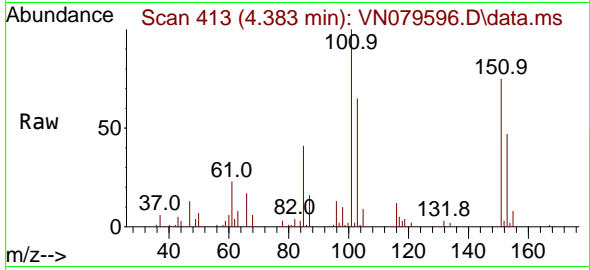
Tgt Ion: 74 Resp: 40752
 Ion Ratio Lower Upper
 74 100
 45 93.7 19.0 171.0





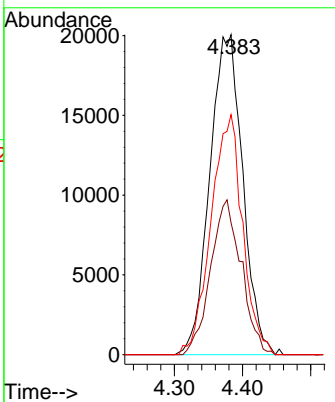
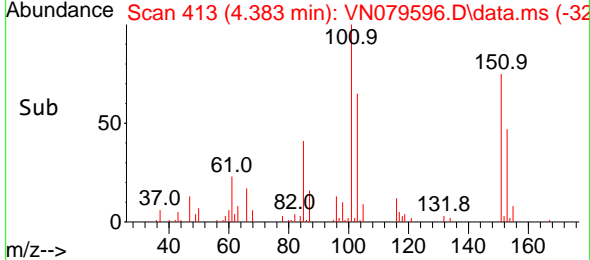
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 21.971 ug/l
 RT: 4.383 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VN079596.D
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Instrument : MSVOA_N
 ClientSampleId : VN1018WBS01

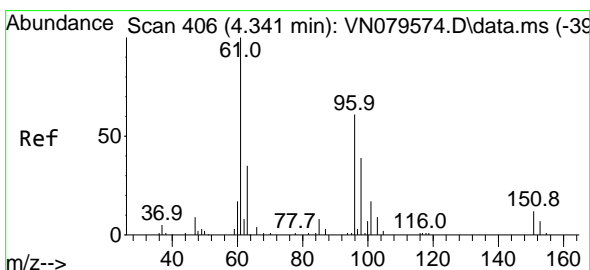


Tgt Ion: 101 Resp: 6733
 Ion Ratio Lower Upper
 101 100
 85 45.2 0.0 92.0
 151 71.3 0.0 138.4

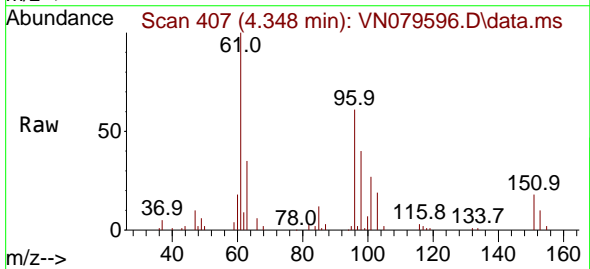
Manual Integrations
APPROVED
 Reviewed By : John Carlone



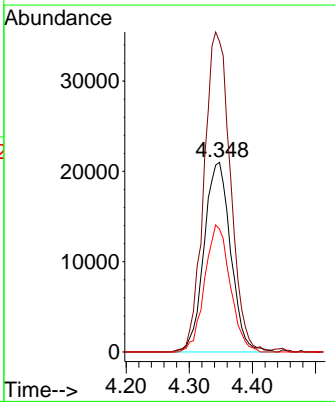
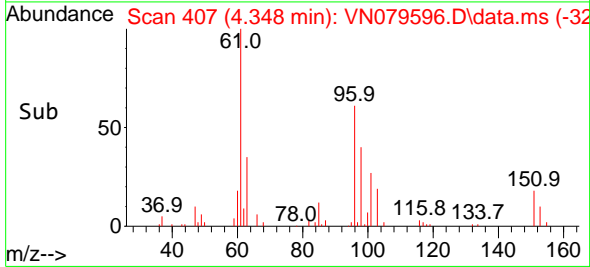
10/19/2023
 Supervised By : Mahesh Dadoda
 10/20/2023

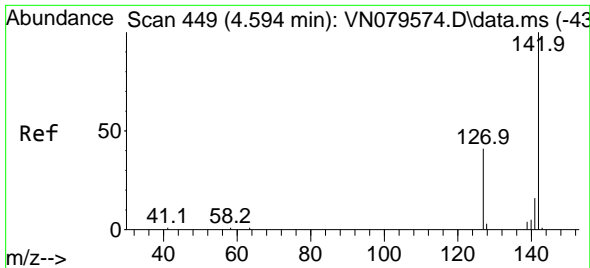


#10
 1,1-Dichloroethene
 Concen: 21.061 ug/l
 RT: 4.348 min Scan# 407
 Delta R.T. 0.006 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28



Tgt Ion: 96 Resp: 61406
 Ion Ratio Lower Upper
 96 100
 61 163.0 141.3 211.9
 98 64.7 53.2 79.8





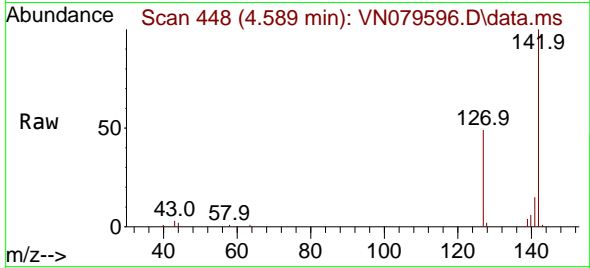
#11
 Methyl Iodide
 Concen: 21.673 ug/l
 RT: 4.589 min Scan# 448
 Delta R.T. -0.005 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28

Instrument :

MSVOA_N

Client Sample Id :

VN1018WBS01



Tgt Ion: 142 Resp: 6996
 Ion Ratio Lower Upper
 142 100
 127 49.2 24.6 73.8
 141 14.6 7.7 23.1

Manual Integrations

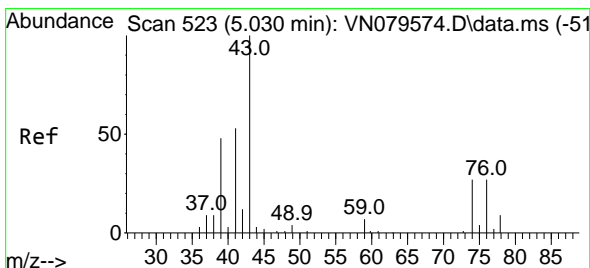
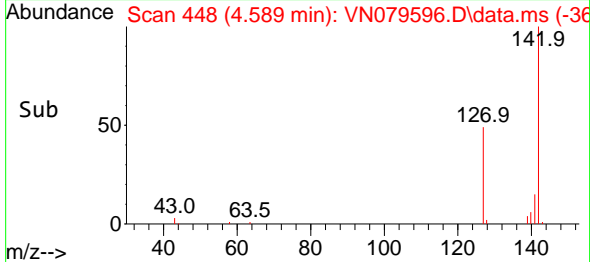
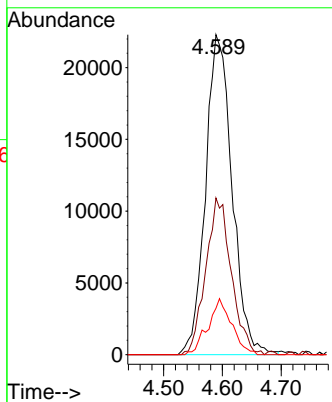
APPROVED

Reviewed By :John
 Carlone

10/19/2023

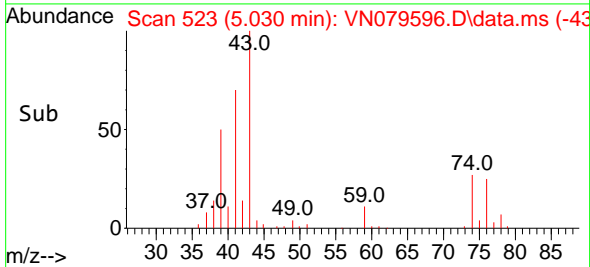
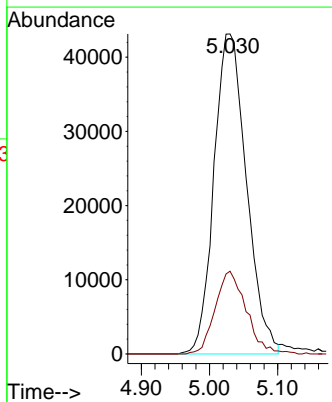
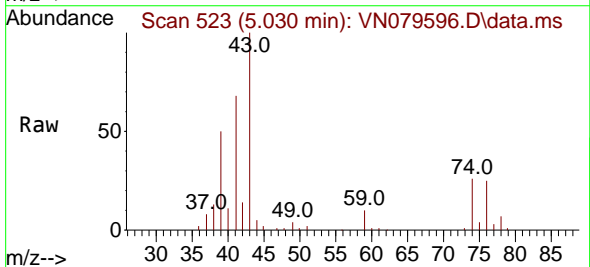
Supervised By :Mahesh
 Dadoda

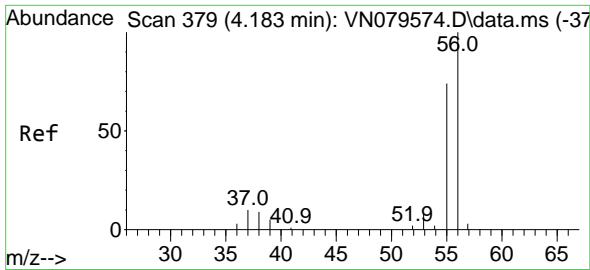
10/20/2023



#12
 Methyl Acetate
 Concen: 20.361 ug/l
 RT: 5.030 min Scan# 523
 Delta R.T. 0.000 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28

Tgt Ion: 43 Resp: 143111
 Ion Ratio Lower Upper
 43 100
 74 25.8 18.1 27.1





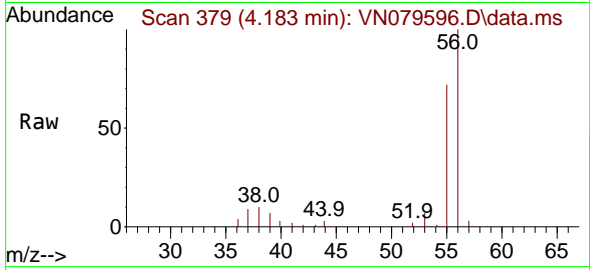
#13
 Acrolein
 Concen: 113.841 ug/l
 RT: 4.183 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28

Instrument :

MSVOA_N

ClientSampleId :

VN1018WBS01



Tgt Ion: 56 Resp: 6614
 Ion Ratio Lower Upper
 56 100
 55 70.8 57.1 85.7

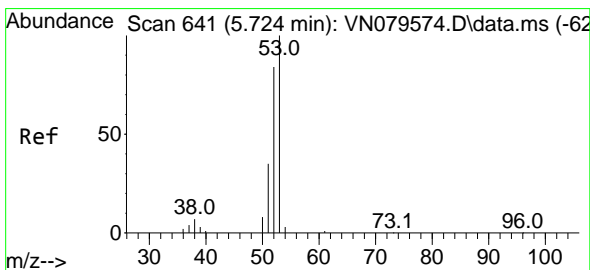
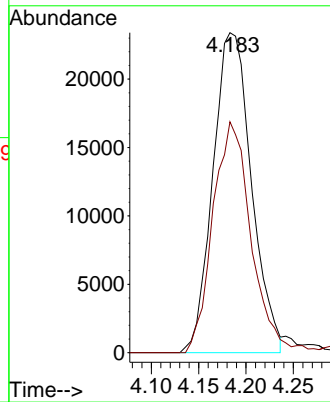
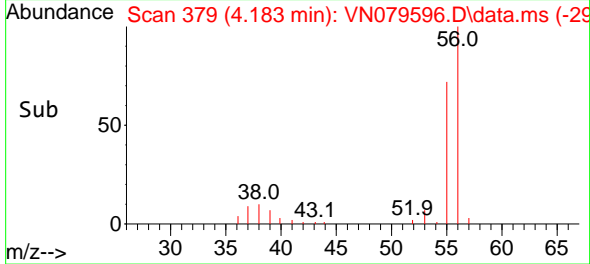
Manual Integrations

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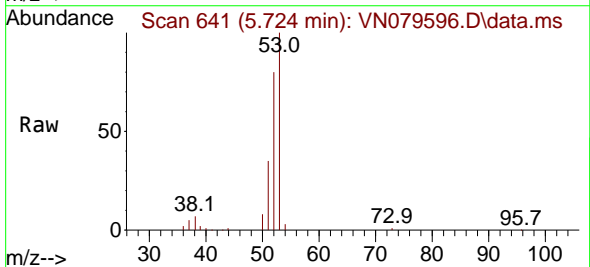
Reviewed By :John
 Carlone

10/19/2023
 Supervised By :Mahesh
 Dadoda

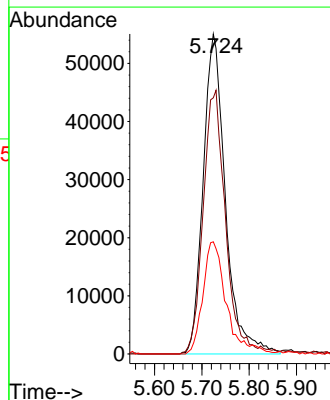
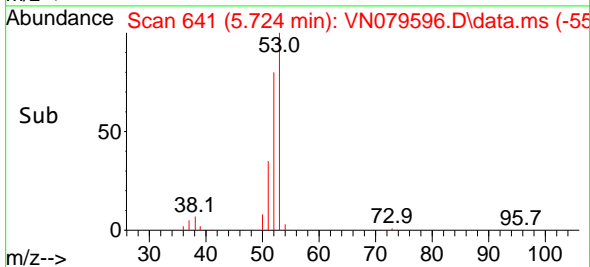
10/20/2023

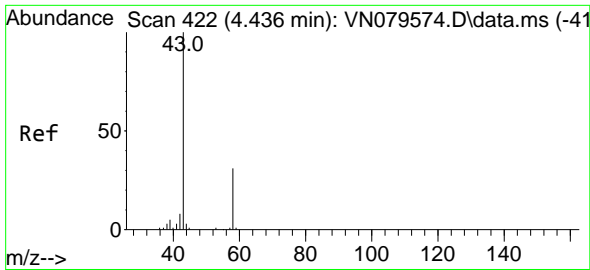


#14
 Acrylonitrile
 Concen: 106.712 ug/l
 RT: 5.724 min Scan# 641
 Delta R.T. 0.000 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28



Tgt Ion: 53 Resp: 179622
 Ion Ratio Lower Upper
 53 100
 52 80.4 41.6 124.9
 51 35.4 17.8 53.3





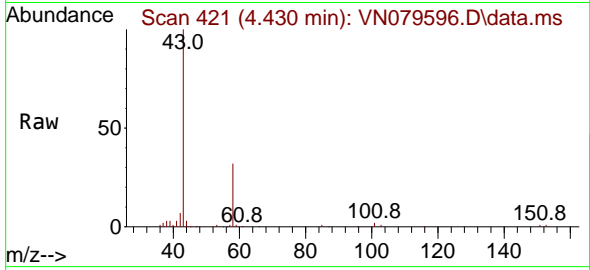
#15
 Acetone
 Concen: 107.622 ug/l
 RT: 4.430 min Scan# 41
 Delta R.T. -0.005 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28

Instrument :

MSVOA_N

ClientSampleId :

VN1018WBS01



Tgt Ion: 58 Resp: 57380
 Ion Ratio Lower Upper
 58 100
 43 306.9 225.2 337.8

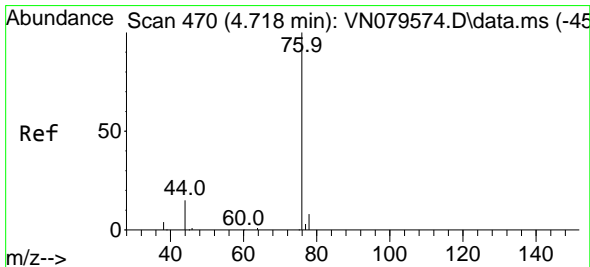
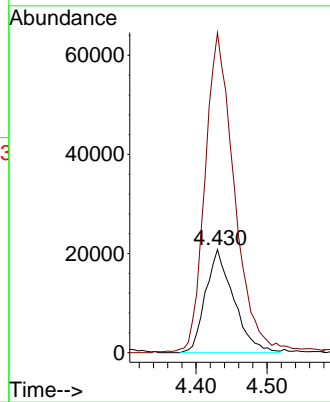
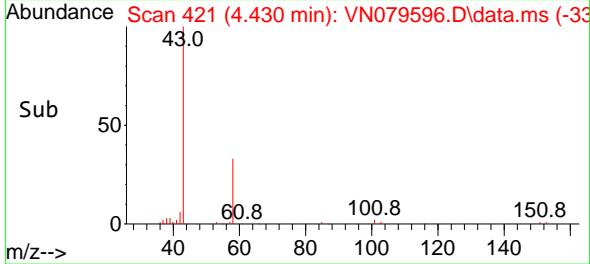
Manual Integrations

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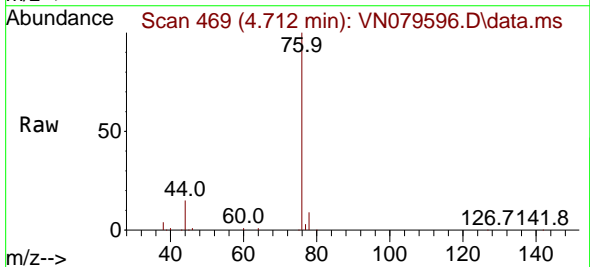
Reviewed By :John
 Carlone

10/19/2023
 Supervised By :Mahesh
 Dadoda

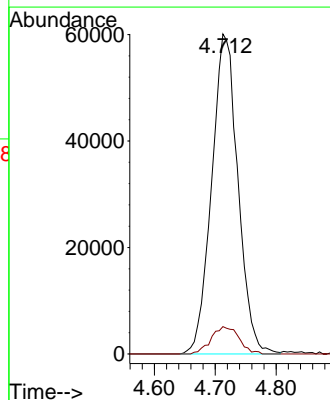
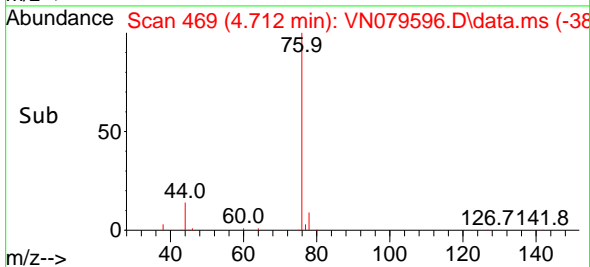
10/20/2023

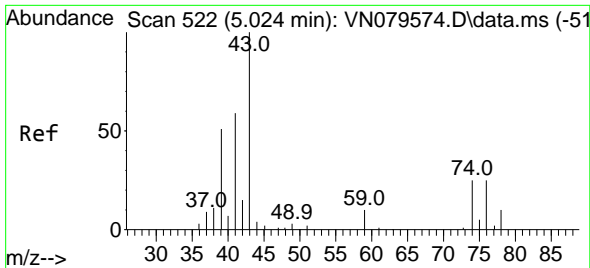


#16
 Carbon Disulfide
 Concen: 20.300 ug/l
 RT: 4.712 min Scan# 469
 Delta R.T. -0.005 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28



Tgt Ion: 76 Resp: 180482
 Ion Ratio Lower Upper
 76 100
 78 8.6 7.5 11.3





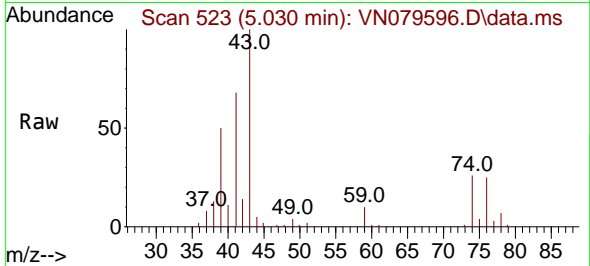
#17
 Allyl chloride
 Concen: 20.530 ug/l
 RT: 5.030 min Scan# 517
 Delta R.T. 0.006 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28

Instrument :

MSVOA_N

ClientSampleId :

VN1018WBS01



Tgt Ion: 41 Resp: 9228

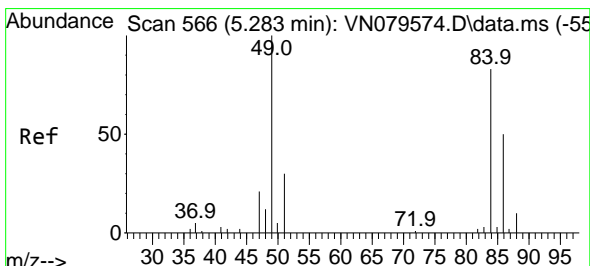
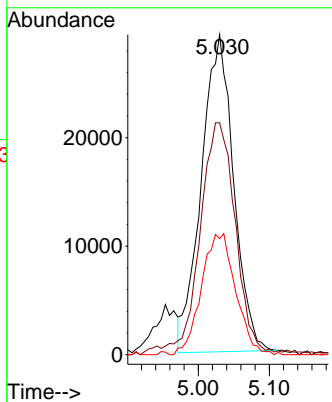
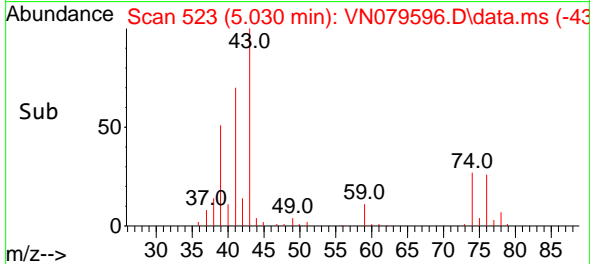
Ion	Ratio	Lower	Upper
41	100		
39	72.3	38.4	115.2
76	36.0	19.5	58.5

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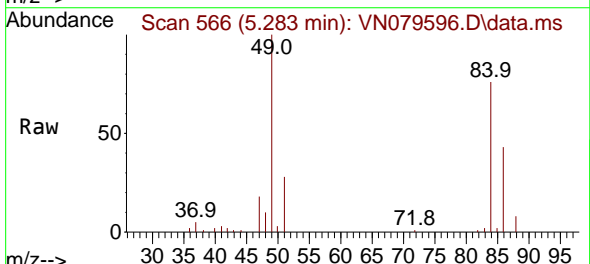
Reviewed By :John
 Carlone

10/19/2023
 Supervised By :Mahesh
 Dadoda

10/20/2023

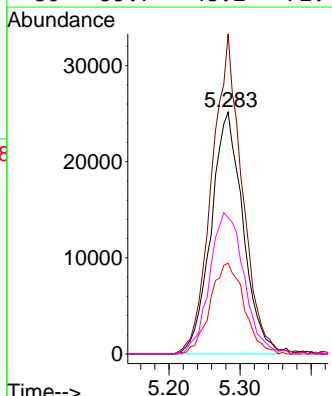
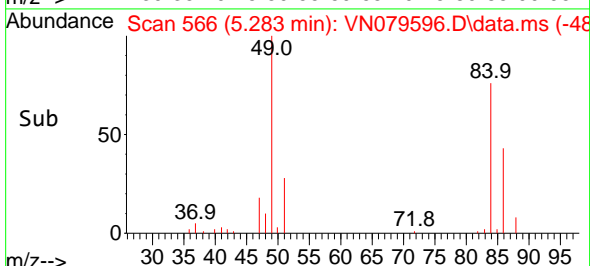


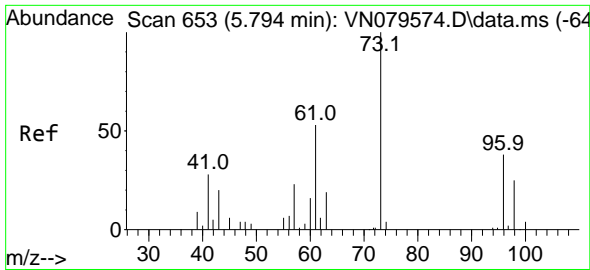
#18
 Methylene Chloride
 Concen: 21.824 ug/l
 RT: 5.283 min Scan# 566
 Delta R.T. 0.000 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28



Tgt Ion: 84 Resp: 78320

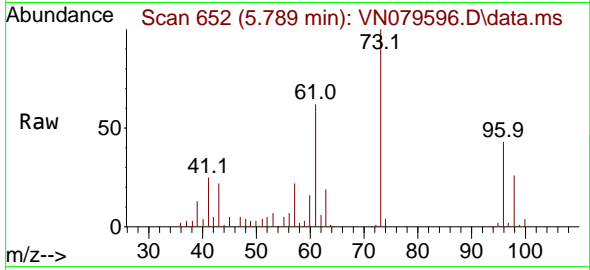
Ion	Ratio	Lower	Upper
84	100		
49	131.6	100.9	151.3
51	37.5	29.4	44.2
86	55.7	48.2	72.4





#19
 trans-1,2-Dichloroethene
 Concen: 21.916 ug/l
 RT: 5.789 min Scan# 61
 Delta R.T. -0.005 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28

Instrument : MSVOA_N
 Client Sample Id : VN1018WBS01



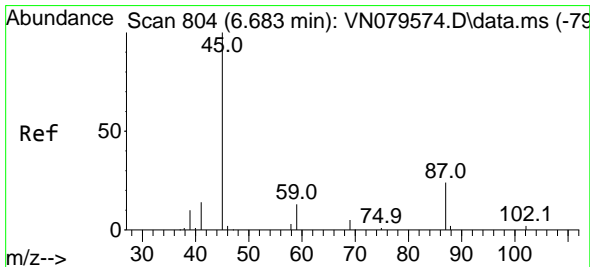
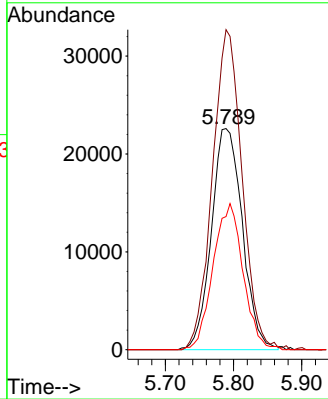
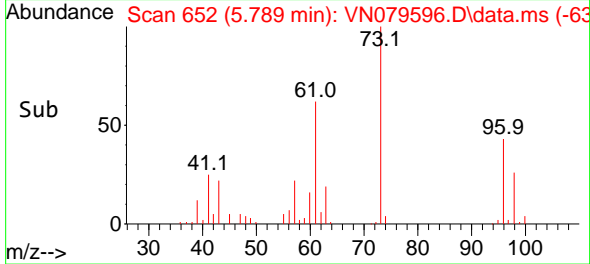
Tgt Ion: 96 Resp: 7148
 Ion Ratio Lower Upper
 96 100
 61 144.8 113.4 170.0
 98 60.2 50.4 75.6

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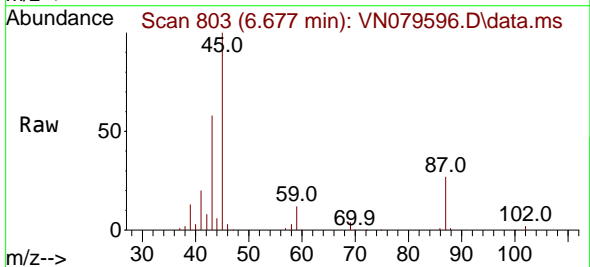
Reviewed By :John
 Carlone

10/19/2023
 Supervised By :Mahesh
 Dadoda

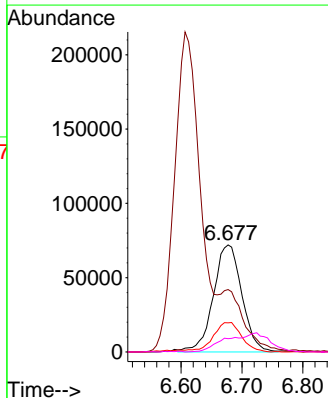
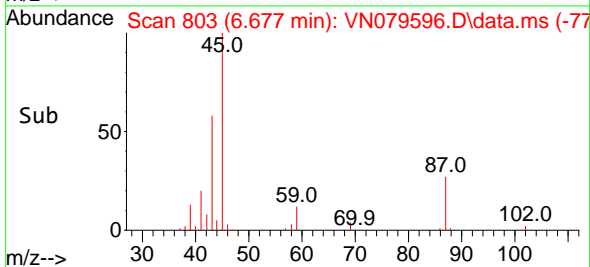
10/20/2023

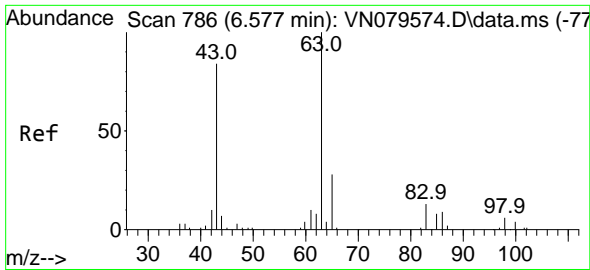


#20
 Diisopropyl ether
 Concen: 21.982 ug/l
 RT: 6.677 min Scan# 803
 Delta R.T. -0.005 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28



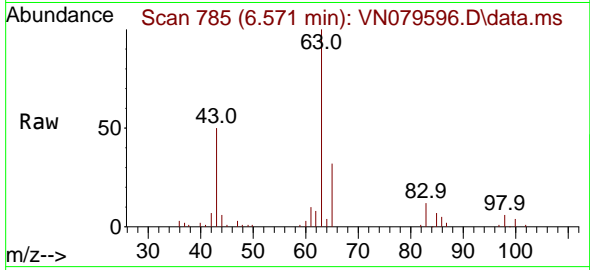
Tgt Ion: 45 Resp: 234308
 Ion Ratio Lower Upper
 45 100
 43 56.2 42.1 63.1
 87 27.0 20.5 30.7
 59 12.0 10.9 16.3





#21
 1,1-Dichloroethane
 Concen: 21.493 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.005 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28

Instrument : MSVOA_N
 Client Sample Id : VN1018WBS01



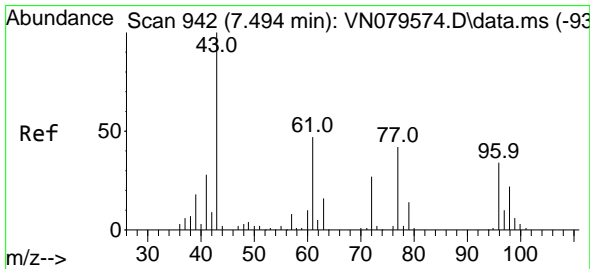
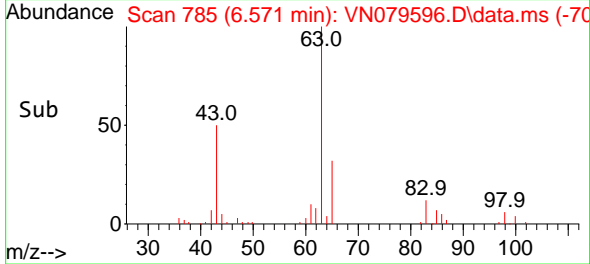
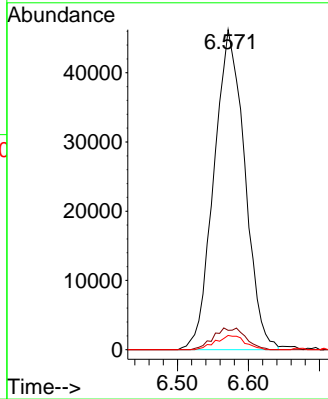
Tgt Ion: 63 Resp: 139214
 Ion Ratio Lower Upper
 63 100
 98 6.1 2.8 8.4
 100 4.4 1.9 5.7

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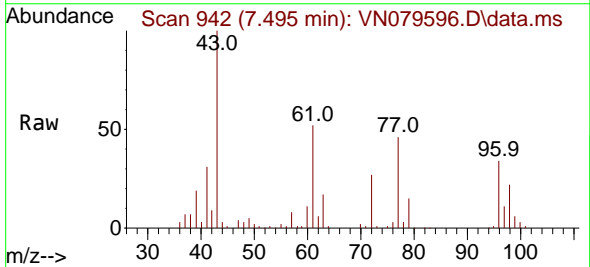
Reviewed By : John
 Carlone

10/19/2023
 Supervised By : Mahesh
 Dadoda

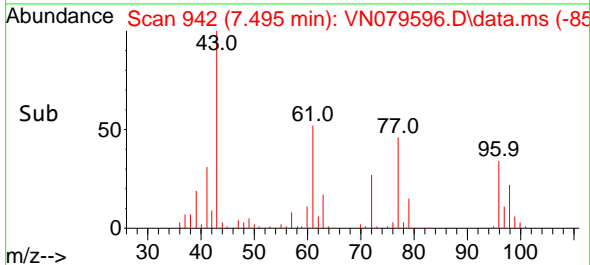
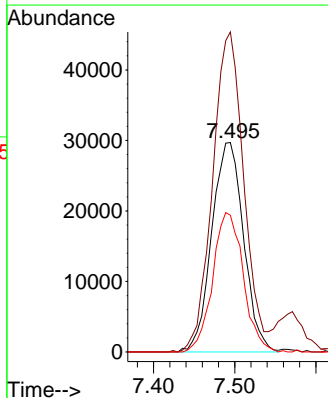
10/20/2023

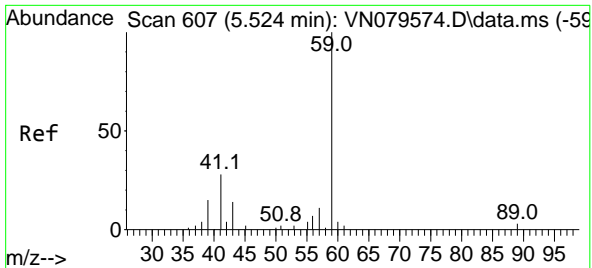


#22
 cis-1,2-Dichloroethene
 Concen: 21.553 ug/l
 RT: 7.495 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28



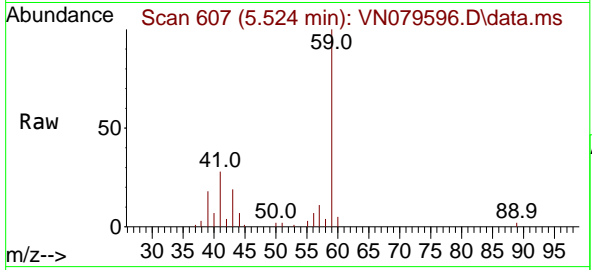
Tgt Ion: 96 Resp: 80976
 Ion Ratio Lower Upper
 96 100
 61 149.6 124.6 186.8
 98 63.8 54.2 81.4





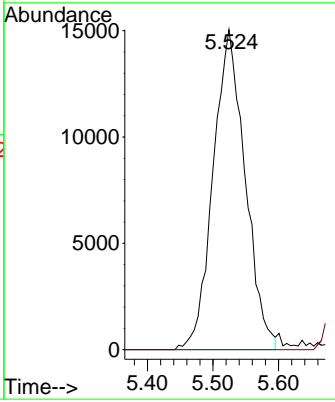
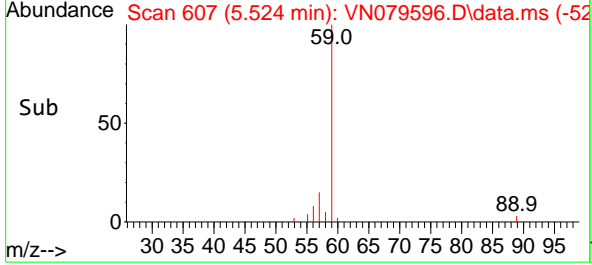
#23
 tert-Butyl Alcohol
 Concen: 90.610 ug/l
 RT: 5.524 min Scan# 607
 Delta R.T. 0.000 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28

Instrument : MSVOA_N
 Client Sample Id : VN1018WBS01

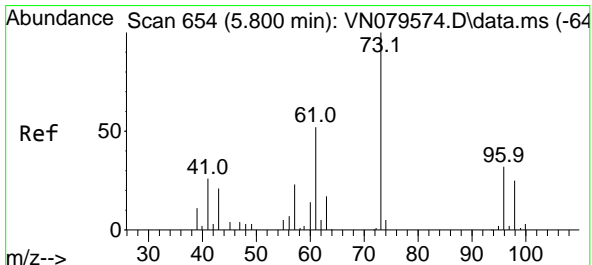


Tgt Ion: 59 Resp: 5100
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0

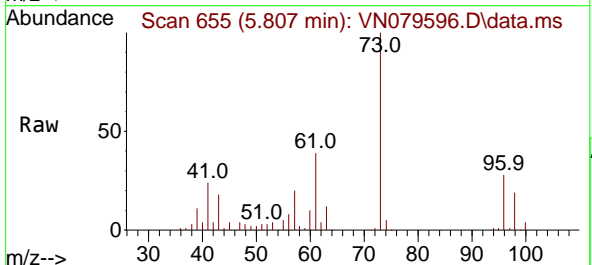
Manual Integrations
APPROVED
 Reviewed By : John Carlone



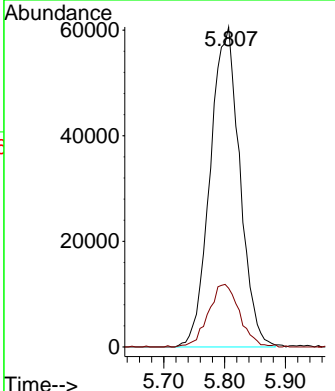
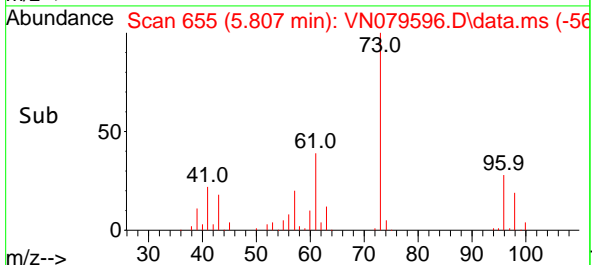
10/19/2023
 Supervised By : Mahesh Dadoda
 10/20/2023

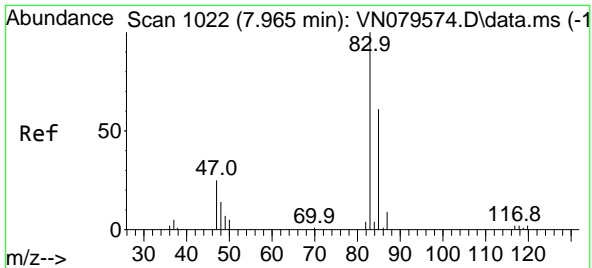


#24
 Methyl tert-Butyl Ether
 Concen: 20.925 ug/l
 RT: 5.807 min Scan# 655
 Delta R.T. 0.006 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28



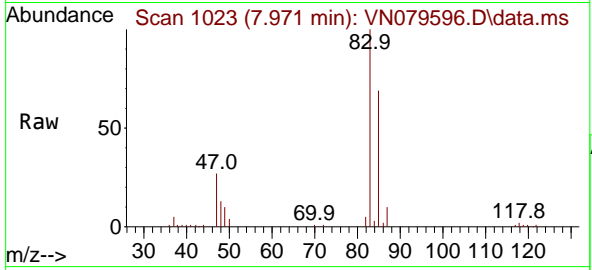
Tgt Ion: 73 Resp: 204710
 Ion Ratio Lower Upper
 73 100
 43 20.5 16.6 24.8





#25
 Chloroform
 Concen: 21.699 ug/l
 RT: 7.971 min Scan# 1023
 Delta R.T. 0.006 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28

Instrument : MSVOA_N
 Client Sample Id : VN1018WBS01



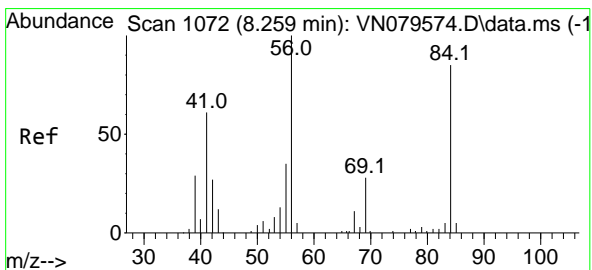
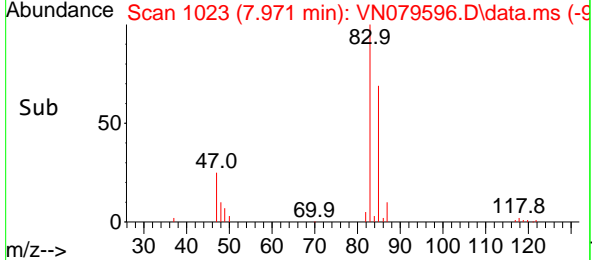
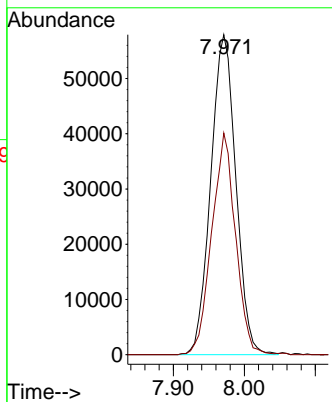
Tgt Ion: 83 Resp: 14201
 Ion Ratio Lower Upper
 83 100
 85 69.2 47.4 71.2

Manual Integrations
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Reviewed By :John
 Carlone

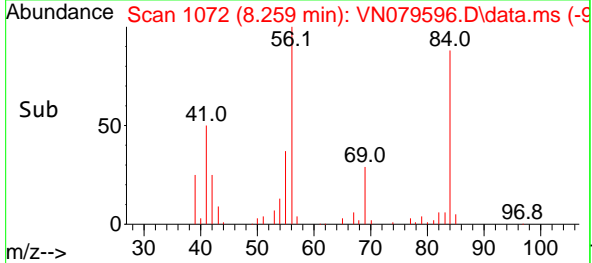
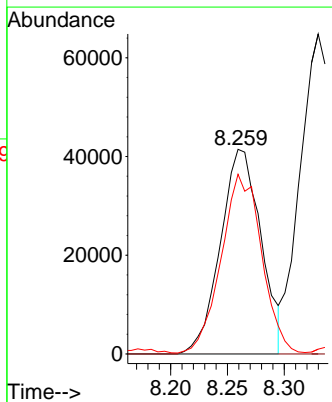
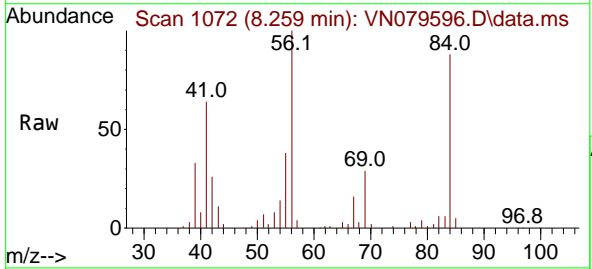
10/19/2023
 Supervised By :Mahesh
 Dadoda

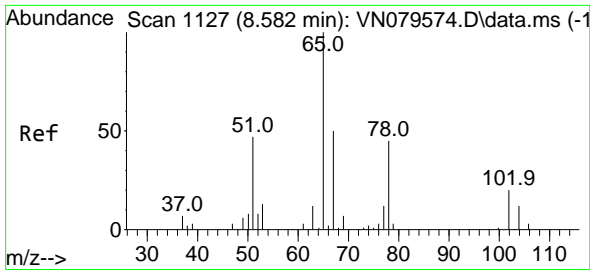
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#26
 Cyclohexane
 Concen: 21.079 ug/l
 RT: 8.259 min Scan# 1072
 Delta R.T. 0.000 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28

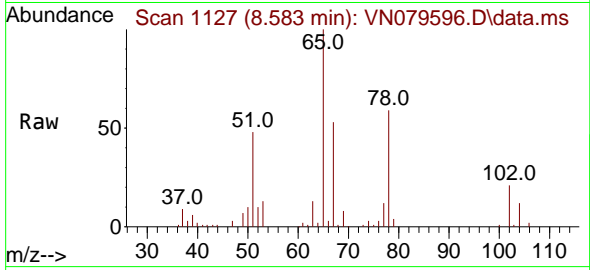
Tgt Ion: 56 Resp: 103210
 Ion Ratio Lower Upper
 56 100
 89 0.0 0.0 0.0
 84 87.7 69.0 103.4





#27
 1,2-Dichloroethane-d4
 Concen: 30.531 ug/l
 RT: 8.583 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28

Instrument : MSVOA_N
 ClientSampleId : VN1018WBS01



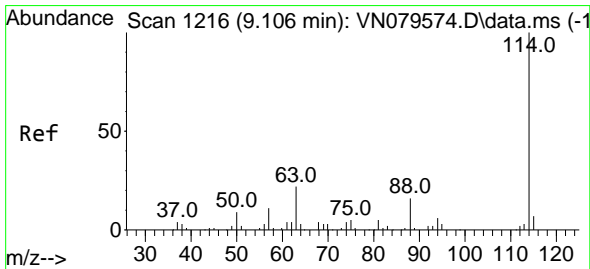
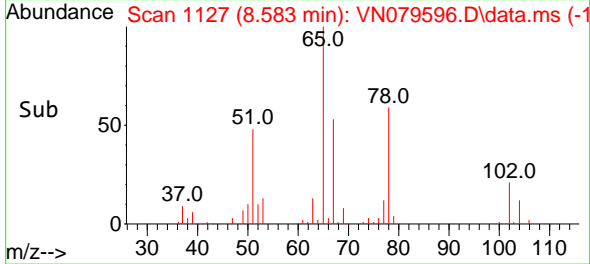
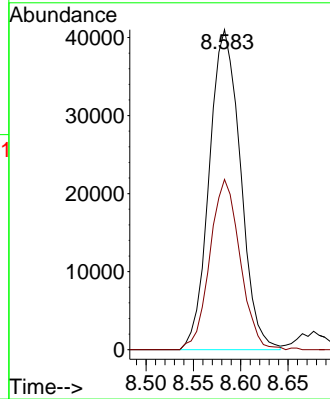
Tgt Ion: 65 Resp: 9393
 Ion Ratio Lower Upper
 65 100
 67 51.5 42.1 63.1

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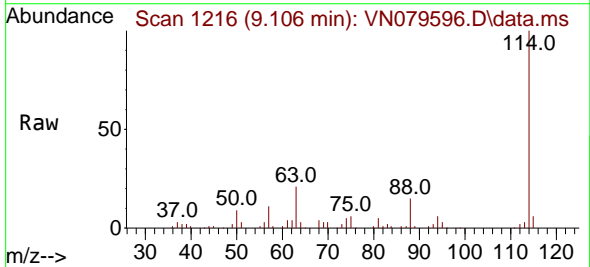
Reviewed By :John
 Carlone

10/19/2023
 Supervised By :Mahesh
 Dadoda

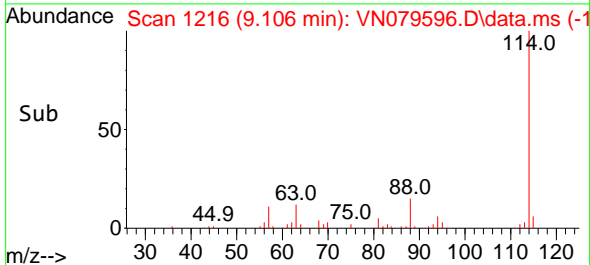
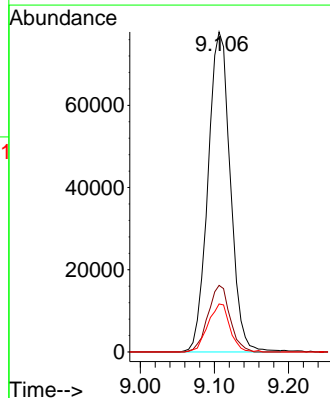
10/20/2023

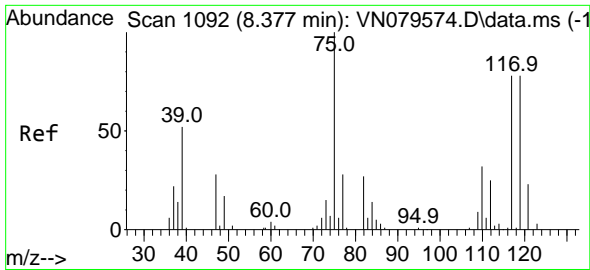


#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. 0.000 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28



Tgt Ion:114 Resp: 163074
 Ion Ratio Lower Upper
 114 100
 63 20.4 18.1 27.1
 88 14.7 12.2 18.2





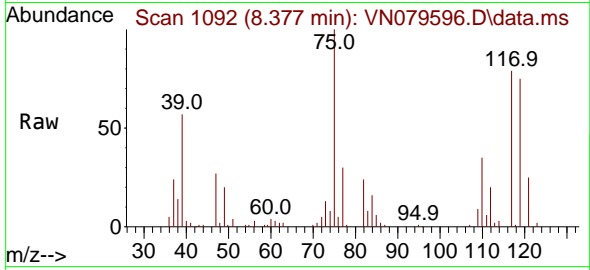
#29
 1,1-Dichloropropene
 Concen: 21.829 ug/l
 RT: 8.377 min Scan# 1092
 Delta R.T. 0.000 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28

Instrument :

MSVOA_N

ClientSampleId :

VN1018WBS01



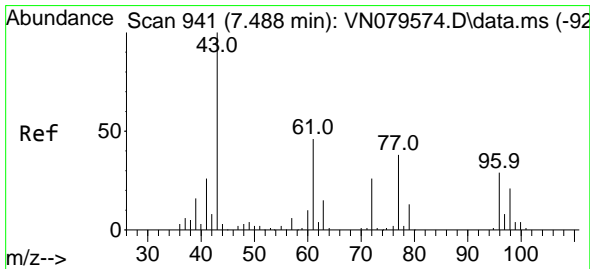
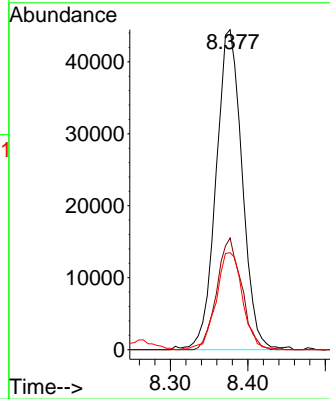
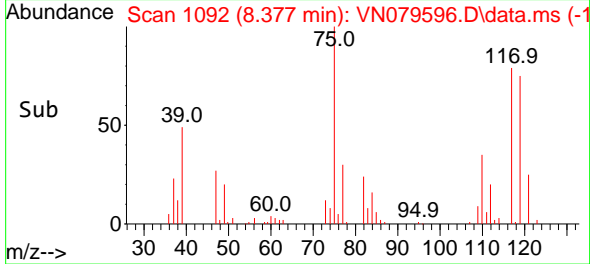
Tgt Ion: 75 Resp: 10402
 Ion Ratio Lower Upper
 75 100
 110 33.2 0.0 66.8
 77 30.8 0.0 61.2

Manual Integrations
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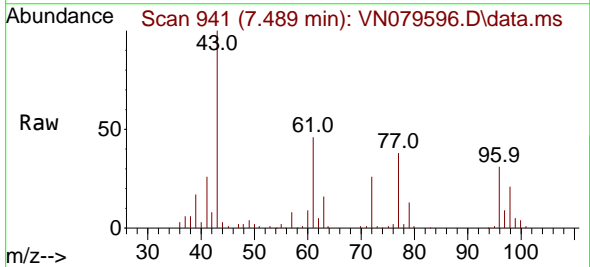
Reviewed By :John
 Carlone

10/19/2023
 Supervised By :Mahesh
 Dadoda

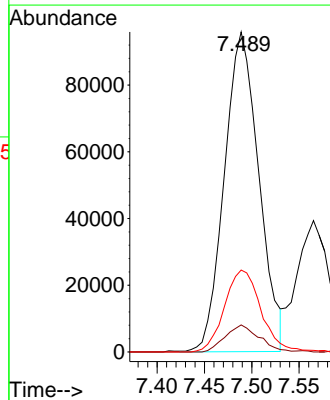
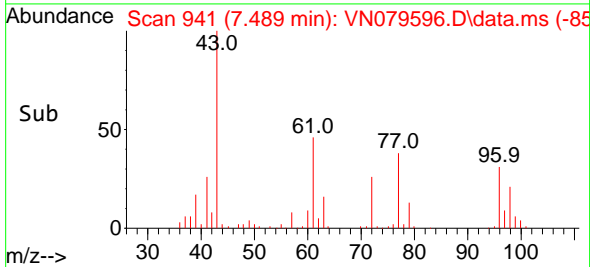
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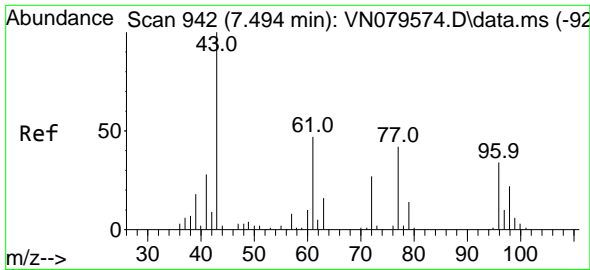


#30
 2-Butanone
 Concen: 101.713 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28



Tgt Ion: 43 Resp: 242973
 Ion Ratio Lower Upper
 43 100
 57 8.3 6.4 9.6
 72 27.0 20.7 31.1





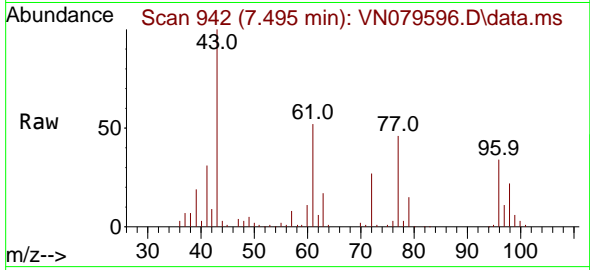
#31
 2,2-Dichloropropane
 Concen: 20.952 ug/l
 RT: 7.495 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28

Instrument :

MSVOA_N

Client Sample Id :

VN1018WBS01



Tgt Ion: 77 Resp: 112579
 Ion Ratio Lower Upper
 77 100
 97 22.6 17.9 26.9

Manual Integrations

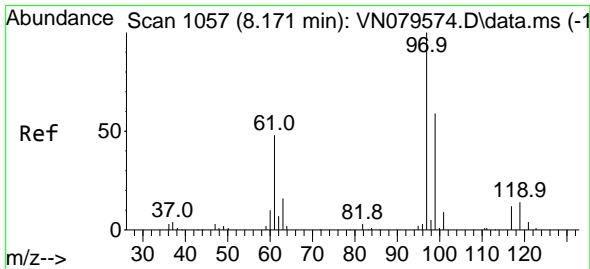
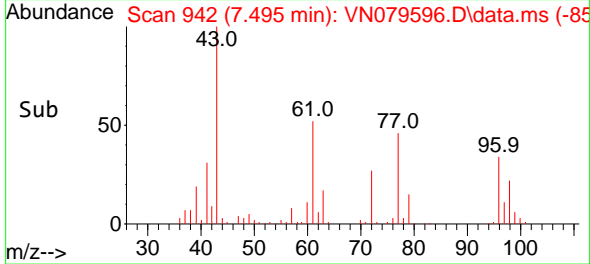
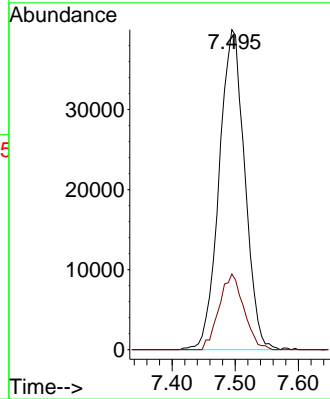
APPROVED

Reviewed By :John
 Carlone

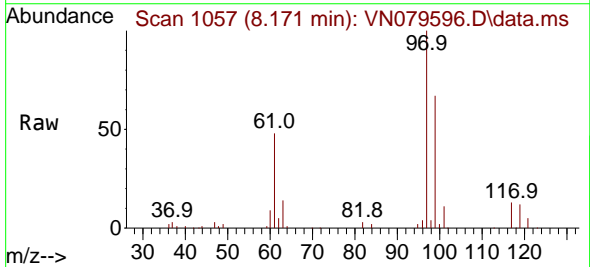
10/19/2023

Supervised By :Mahesh
 Dadoda

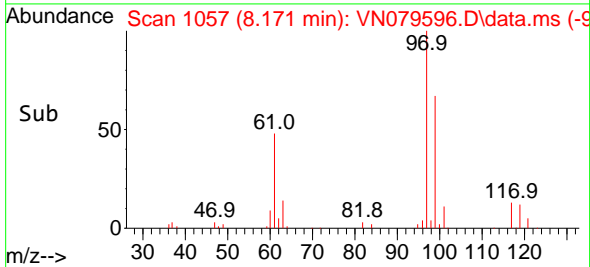
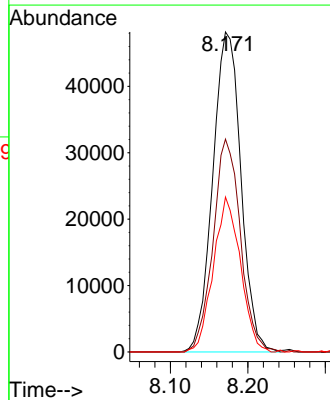
10/20/2023

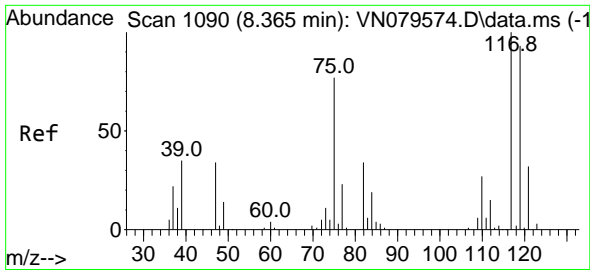


#32
 1,1,1-Trichloroethane
 Concen: 21.537 ug/l
 RT: 8.171 min Scan# 1057
 Delta R.T. 0.000 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28



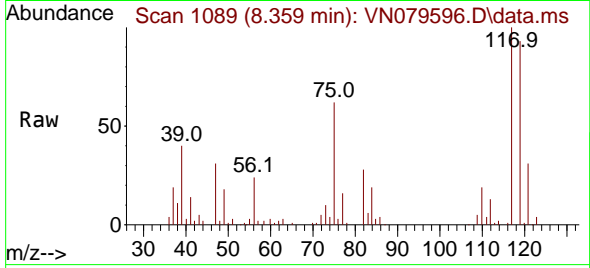
Tgt Ion: 97 Resp: 121990
 Ion Ratio Lower Upper
 97 100
 99 64.4 51.9 77.9
 61 46.5 37.6 56.4





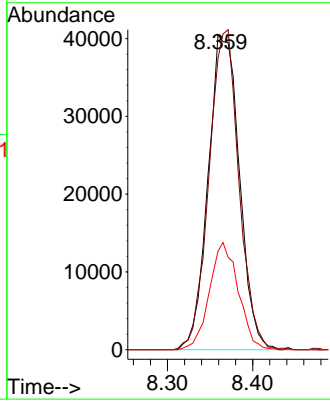
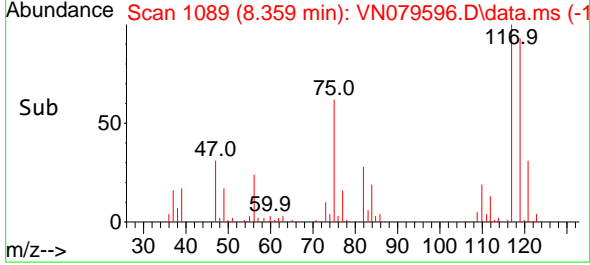
#33
 Carbon Tetrachloride
 Concen: 21.323 ug/l
 RT: 8.359 min Scan# 1089
 Delta R.T. -0.005 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28

Instrument : MSVOA_N
 Client Sample Id : VN1018WBS01

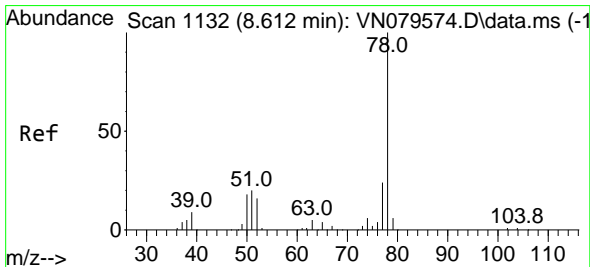


Tgt Ion: 117 Resp: 102718
 Ion Ratio Lower Upper
 117 100
 119 92.2 75.0 112.6
 121 31.3 24.3 36.5

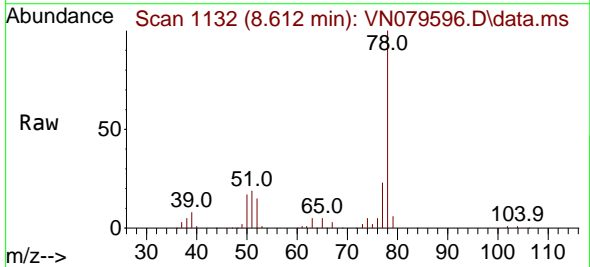
Manual Integrations
APPROVED
 Reviewed By : John Carlone



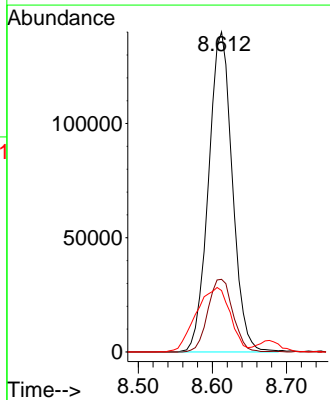
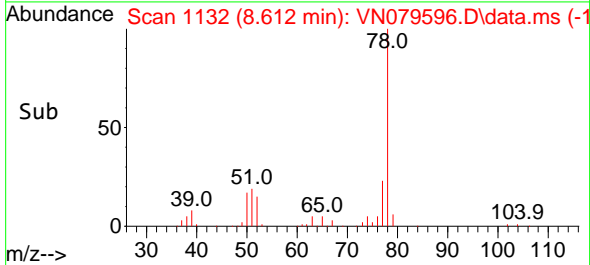
10/19/2023
 Supervised By : Mahesh Dadoda
 10/20/2023

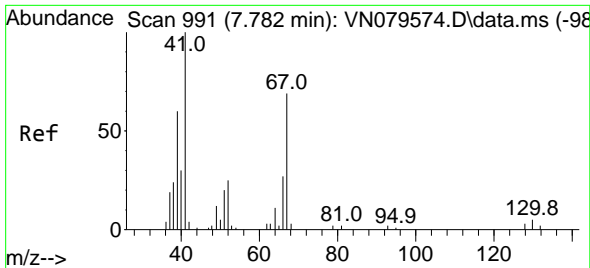


#34
 Benzene
 Concen: 21.581 ug/l
 RT: 8.612 min Scan# 1132
 Delta R.T. 0.000 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28



Tgt Ion: 78 Resp: 312475
 Ion Ratio Lower Upper
 78 100
 77 22.7 19.7 29.5
 51 18.1 15.8 23.6





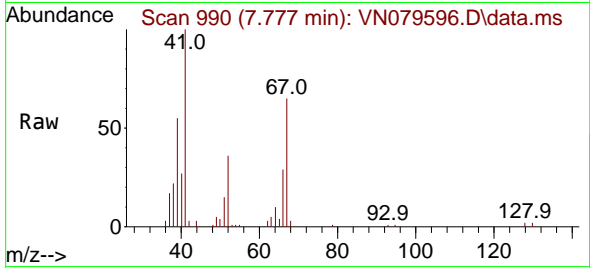
#35
 Methacrylonitrile
 Concen: 19.499 ug/l m
 RT: 7.777 min Scan# 991
 Delta R.T. -0.005 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28

Instrument :

MSVOA_N

ClientSampleId :

VN1018WBS01



Tgt Ion: 41 Resp: 49000

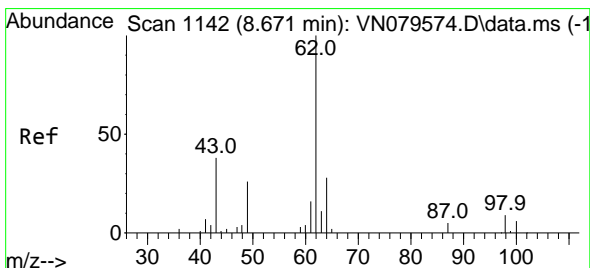
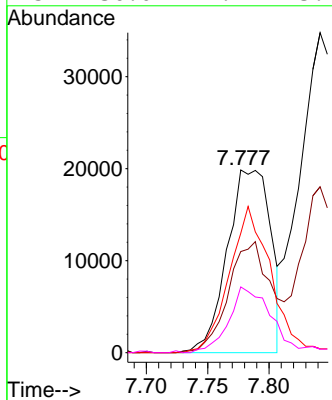
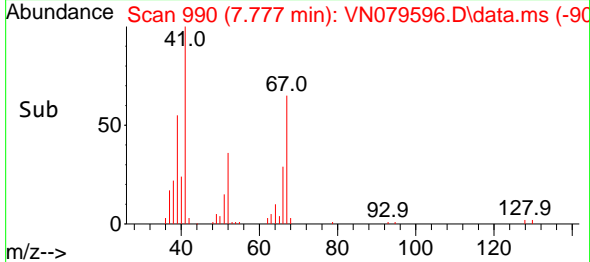
Ion	Ratio	Lower	Upper
41	100		
39	55.3	26.3	78.8
67	65.3	37.5	112.3
52	36.0	14.4	43.4

Manual Integrations
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Reviewed By :John
 Carlone

10/19/2023
 Supervised By :Mahesh
 Dadoda

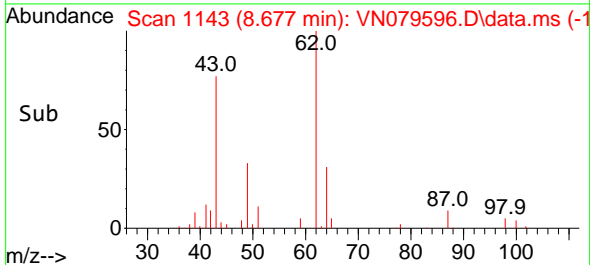
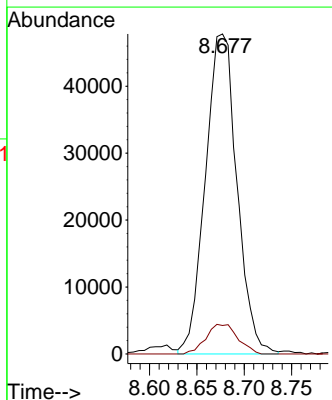
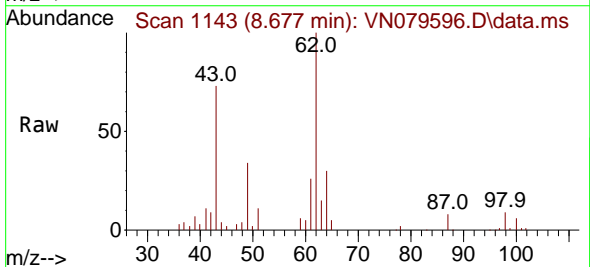
10/20/2023

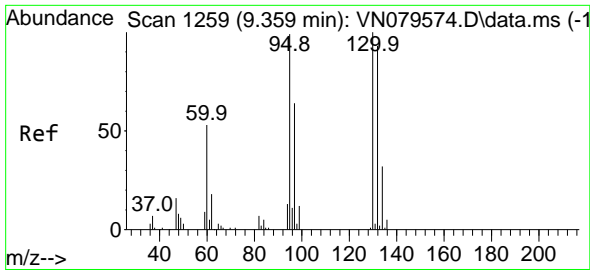


#36
 1,2-Dichloroethane
 Concen: 21.469 ug/l
 RT: 8.677 min Scan# 1143
 Delta R.T. 0.006 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28

Tgt Ion: 62 Resp: 110988

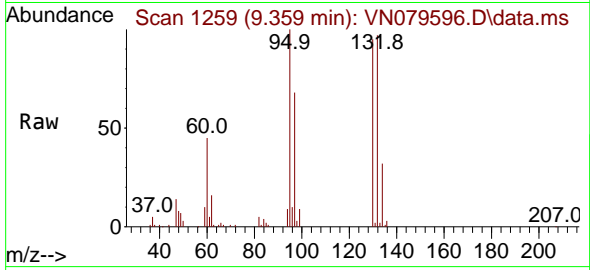
Ion	Ratio	Lower	Upper
62	100		
98	9.3	7.2	10.8





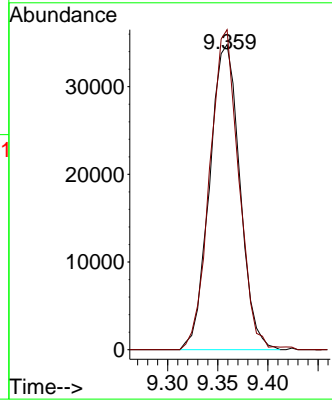
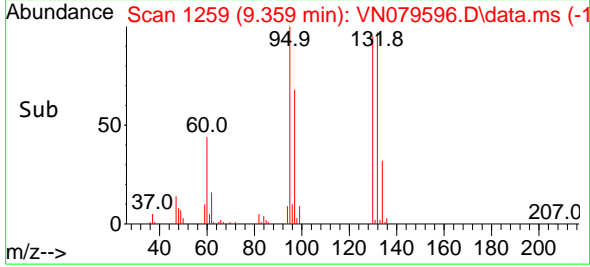
#37
 Trichloroethene
 Concen: 21.651 ug/l
 RT: 9.359 min Scan# 1101
 Delta R.T. 0.000 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28

Instrument : MSVOA_N
 Client Sample Id : VN1018WBS01

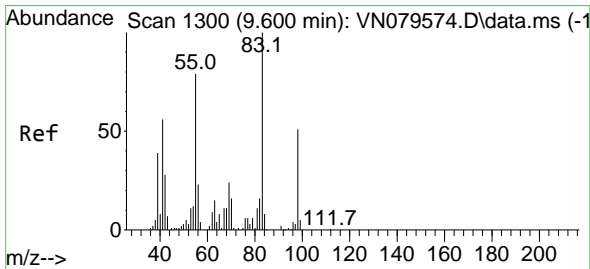


Tgt Ion:130 Resp: 73278
 Ion Ratio Lower Upper
 130 100
 95 104.9 81.2 121.8

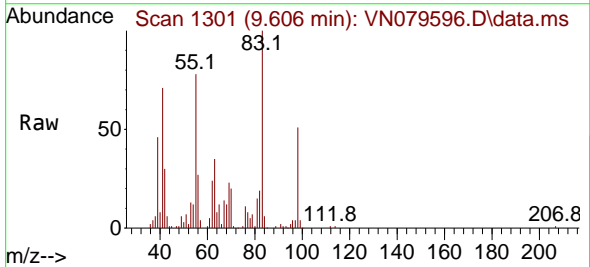
Manual Integrations
APPROVED
 Reviewed By :John
 Carlone



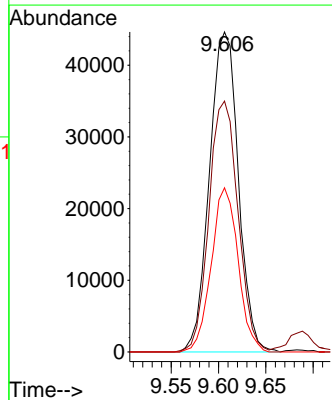
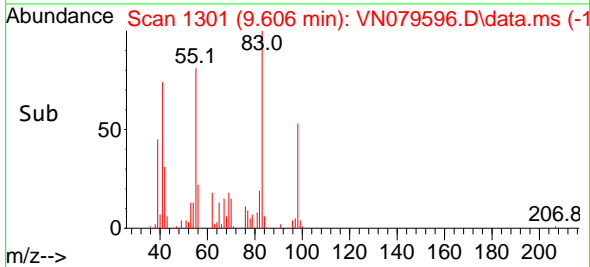
10/19/2023
 Supervised By :Mahesh
 Dadoda
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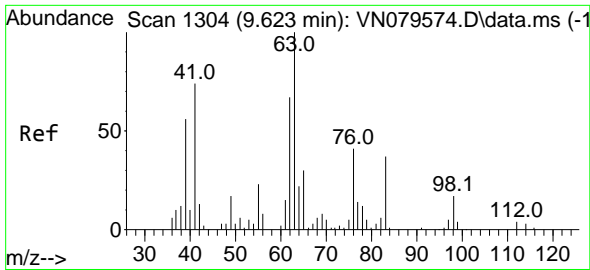


#38
 Methylcyclohexane
 Concen: 20.636 ug/l
 RT: 9.606 min Scan# 1301
 Delta R.T. 0.006 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28



Tgt Ion: 83 Resp: 94687
 Ion Ratio Lower Upper
 83 100
 55 78.9 39.7 119.1
 98 47.7 24.4 73.2





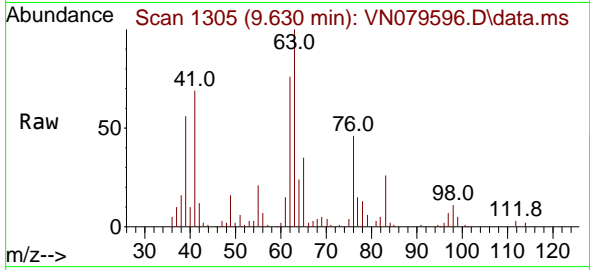
#39
 1,2-Dichloropropane
 Concen: 21.660 ug/l
 RT: 9.630 min Scan# 1305
 Delta R.T. 0.006 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28

Instrument :

MSVOA_N

ClientSampleId :

VN1018WBS01



Tgt Ion: 63 Resp: 8276
 Ion Ratio Lower Upper
 63 100
 65 34.8 25.3 37.9

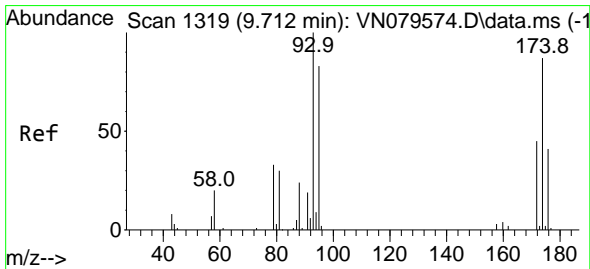
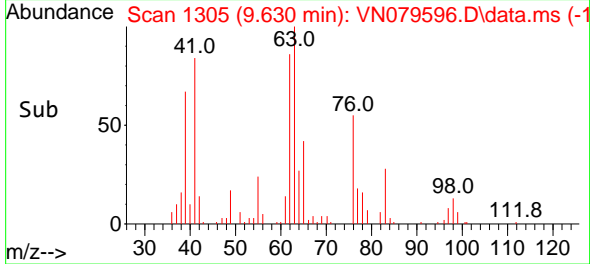
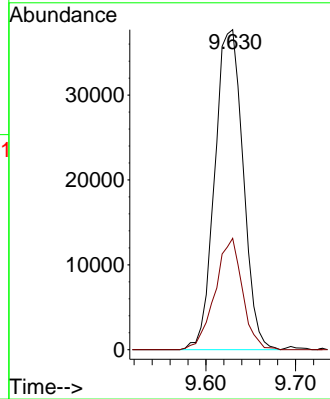
Manual Integrations

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Reviewed By :John
 Carlone

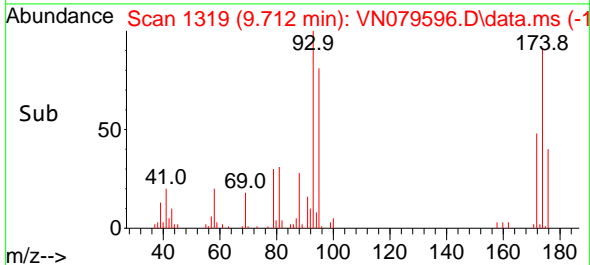
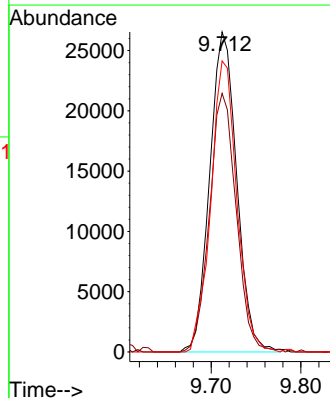
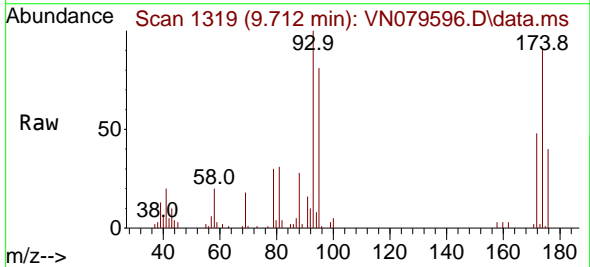
10/19/2023
 Supervised By :Mahesh
 Dadoda

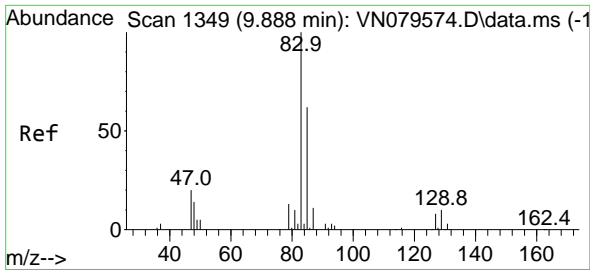
10/20/2023



#40
 Dibromomethane
 Concen: 22.206 ug/l
 RT: 9.712 min Scan# 1319
 Delta R.T. 0.000 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28

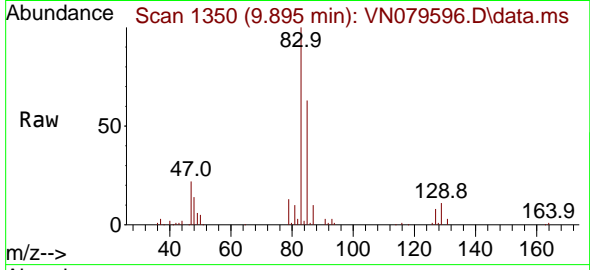
Tgt Ion: 93 Resp: 55683
 Ion Ratio Lower Upper
 93 100
 95 79.7 0.0 166.6
 174 87.6 0.0 171.0





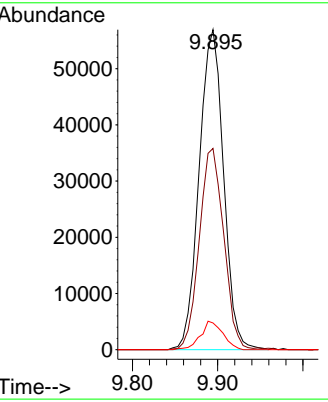
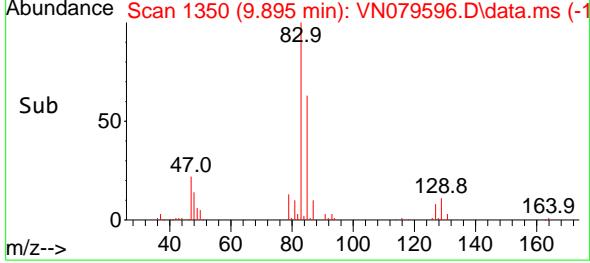
#41
 Bromodichloromethane
 Concen: 21.817 ug/l
 RT: 9.895 min Scan# 113378
 Delta R.T. 0.006 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28

Instrument : MSVOA_N
 Client Sample Id : VN1018WBS01

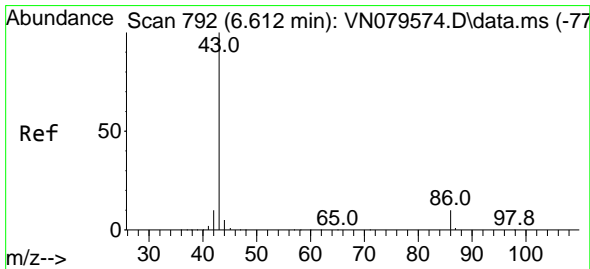


Tgt Ion: 83 Resp: 113378
 Ion Ratio Lower Upper
 83 100
 85 62.9 50.3 75.5
 127 8.3 6.8 10.2

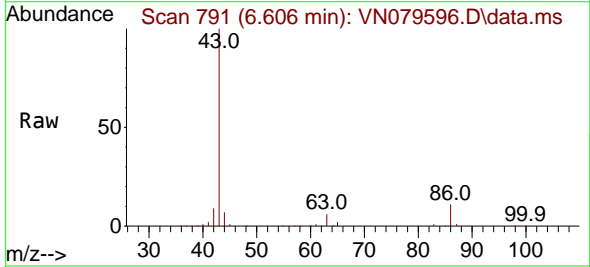
Manual Integrations
APPROVED
 Reviewed By : John Carlone



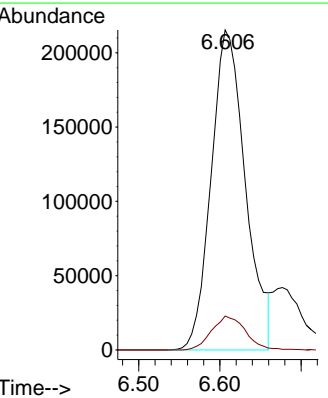
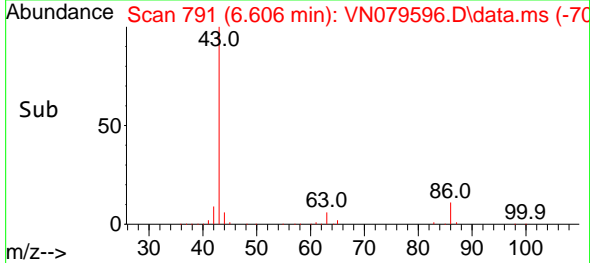
10/19/2023
 Supervised By : Mahesh Dadoda
 10/20/2023

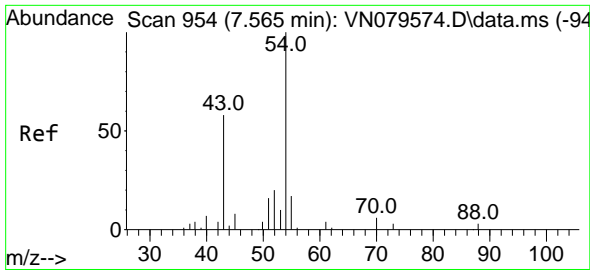


#42
 Vinyl Acetate
 Concen: 104.303 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. -0.005 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28



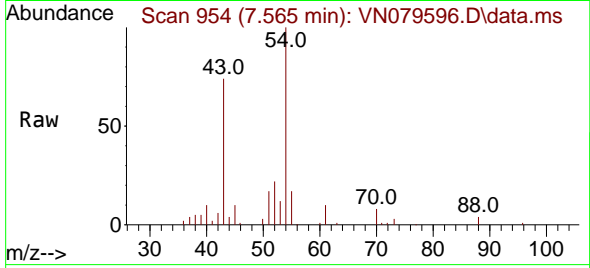
Tgt Ion: 43 Resp: 632046
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.2 12.2





#43
 Ethyl Acetate
 Concen: 21.740 ug/l
 RT: 7.565 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1018WBS01



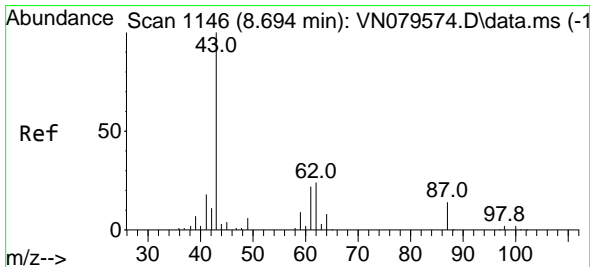
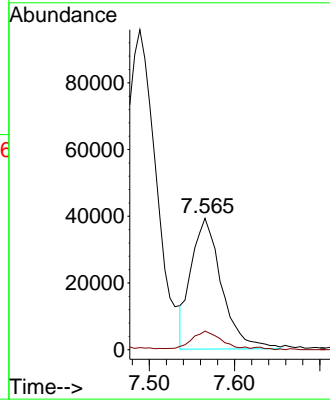
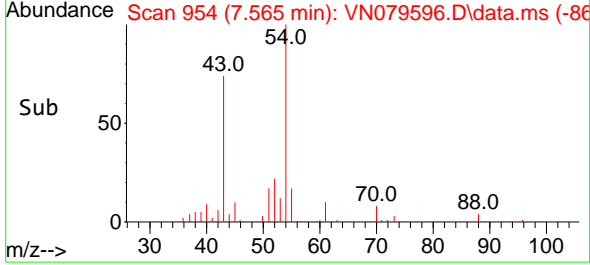
Tgt Ion: 43 Resp: 97654
 Ion Ratio Lower Upper
 43 100
 45 13.5 11.8 17.8

Manual Integrations
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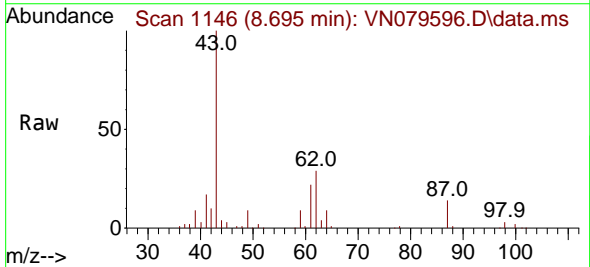
Reviewed By :John
 Carlone

10/19/2023
 Supervised By :Mahesh
 Dadoda

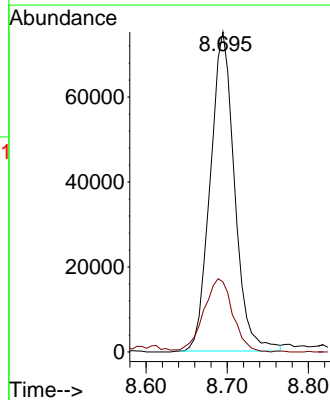
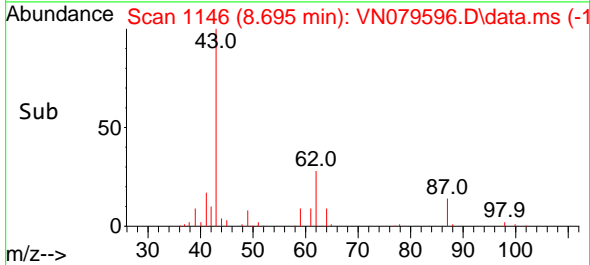
10/20/2023

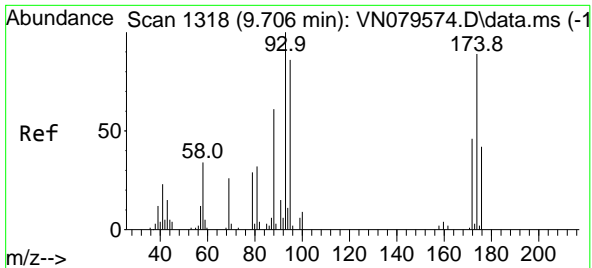


#44
 Isopropyl Acetate
 Concen: 19.567 ug/l
 RT: 8.695 min Scan# 1146
 Delta R.T. 0.000 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28



Tgt Ion: 43 Resp: 156241
 Ion Ratio Lower Upper
 43 100
 61 27.4 20.3 30.5





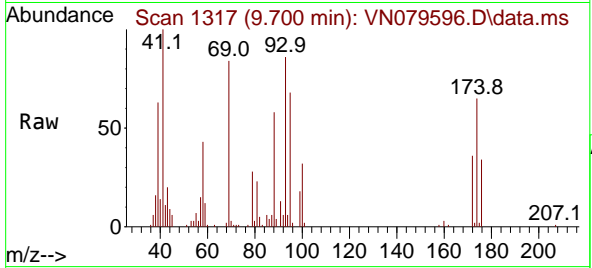
#45
 1,4-Dioxane
 Concen: 412.835 ug/l
 RT: 9.700 min Scan# 1317
 Delta R.T. -0.005 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28

Instrument :

MSVOA_N

Client Sample Id :

VN1018WBS01



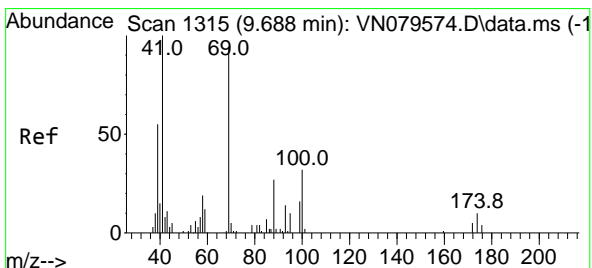
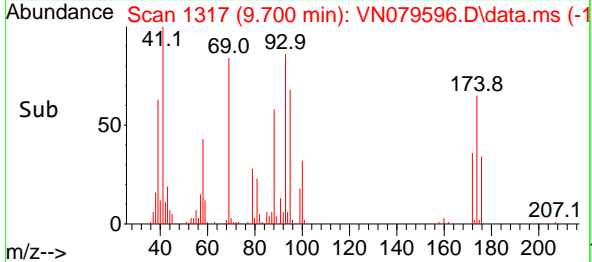
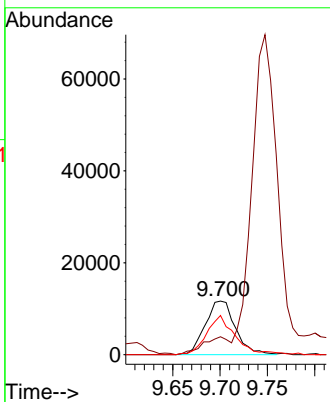
Tgt Ion: 88 Resp: 25804
 Ion Ratio Lower Upper
 88 100
 43 30.1 28.7 43.1
 58 66.1 56.9 85.3

Manual Integrations
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Reviewed By :John
 Carlone

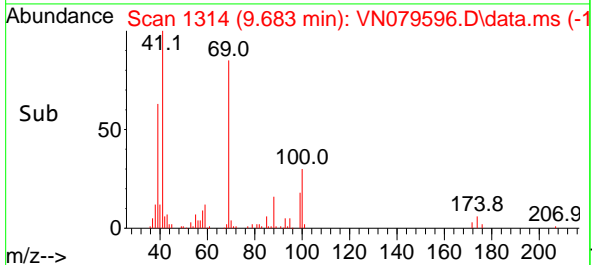
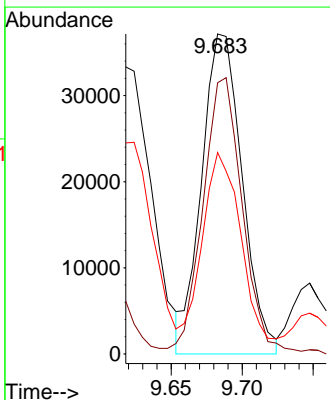
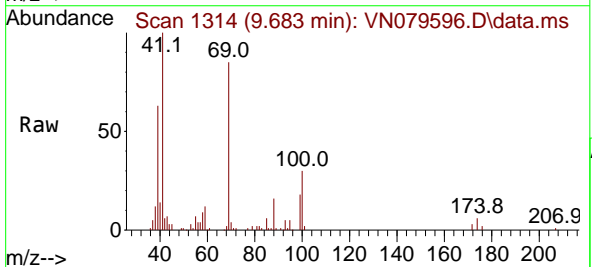
10/19/2023
 Supervised By :Mahesh
 Dadoda

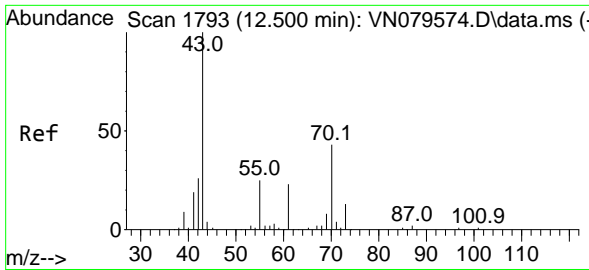
10/20/2023



#46
 Methyl methacrylate
 Concen: 20.871 ug/l
 RT: 9.683 min Scan# 1314
 Delta R.T. -0.005 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28

Tgt Ion: 41 Resp: 73935
 Ion Ratio Lower Upper
 41 100
 69 85.4 40.0 119.9
 39 61.0 31.1 93.3





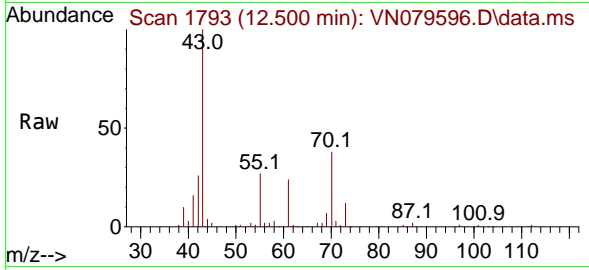
#47
 n-amy1 Acetate
 Concen: 20.591 ug/l
 RT: 12.500 min Scan# 1793
 Delta R.T. 0.000 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28

Instrument :

MSVOA_N

ClientSampleId :

VN1018WBS01



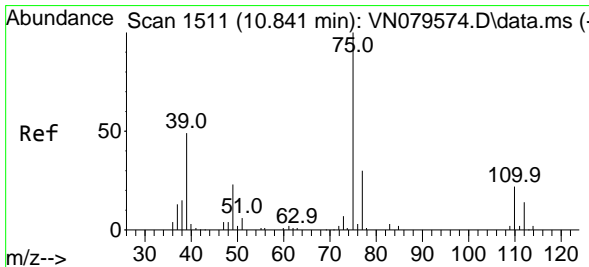
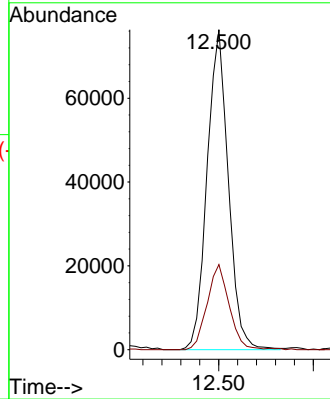
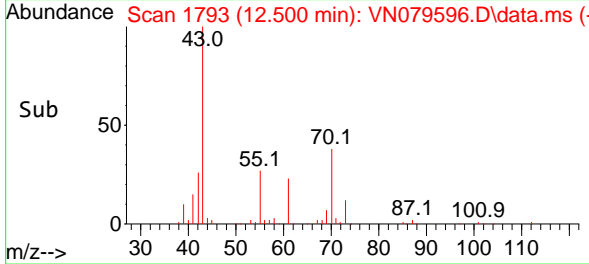
Tgt Ion: 43 Resp: 11866
 Ion Ratio Lower Upper
 43 100
 55 27.5 20.7 31.1

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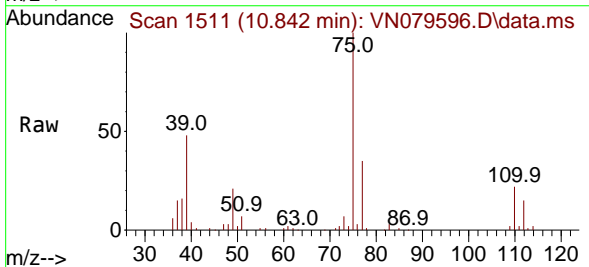
Reviewed By :John
 Carlone

10/19/2023
 Supervised By :Mahesh
 Dadoda

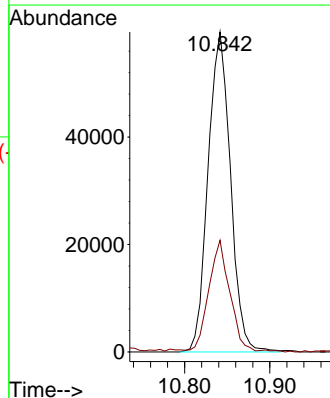
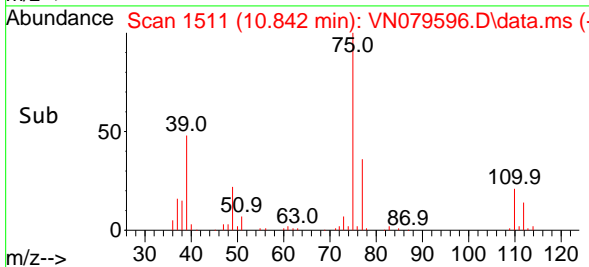
10/20/2023

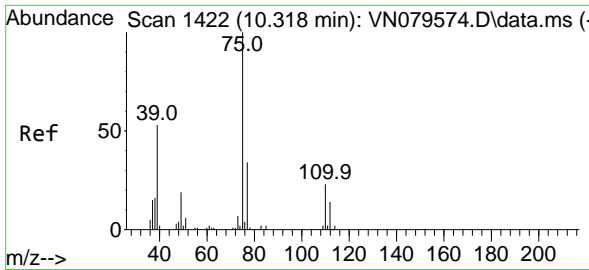


#48
 t-1,3-Dichloropropene
 Concen: 20.747 ug/l
 RT: 10.842 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28



Tgt Ion: 75 Resp: 108996
 Ion Ratio Lower Upper
 75 100
 77 34.6 25.6 38.4





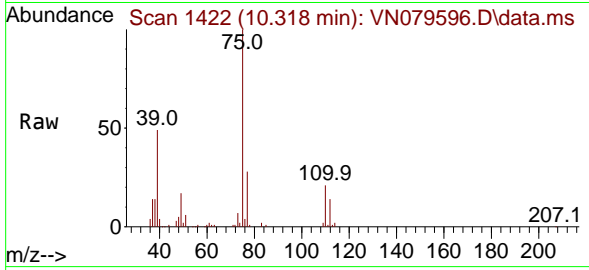
#49
 cis-1,3-Dichloropropene
 Concen: 21.331 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28

Instrument :

MSVOA_N

ClientSampleId :

VN1018WBS01



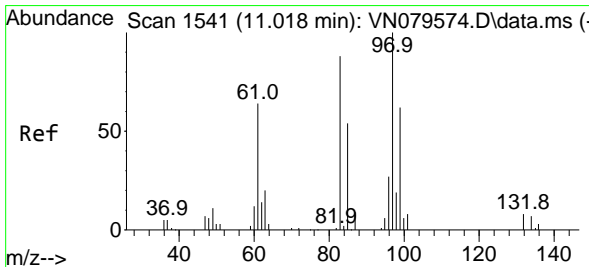
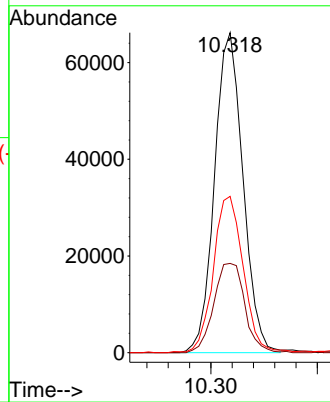
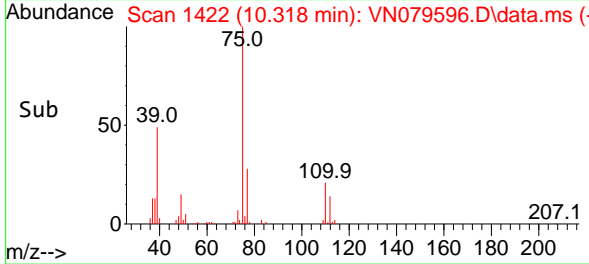
Tgt Ion: 75 Resp: 122538
 Ion Ratio Lower Upper
 75 100
 77 27.9 25.8 38.6
 39 48.6 42.4 63.6

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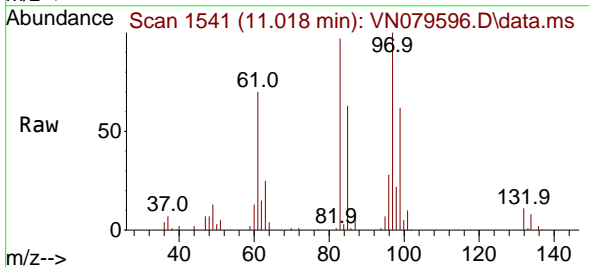
Reviewed By :John
 Carlone

10/19/2023
 Supervised By :Mahesh
 Dadoda

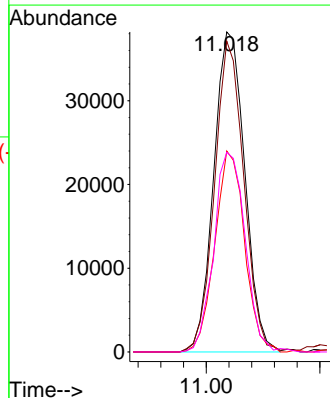
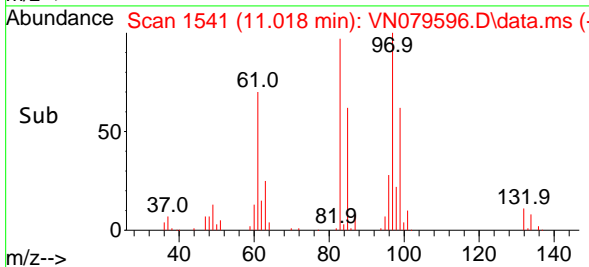
10/20/2023

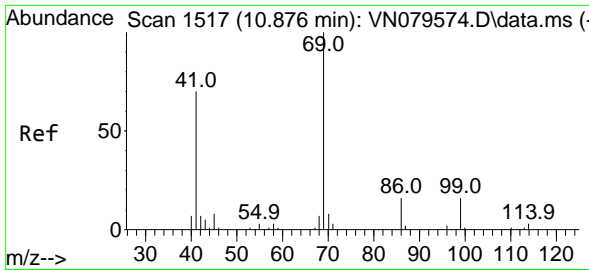


#50
 1,1,2-Trichloroethane
 Concen: 20.863 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. 0.000 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28



Tgt Ion: 97 Resp: 72576
 Ion Ratio Lower Upper
 97 100
 83 97.1 68.2 102.4
 85 62.8 42.9 64.3
 99 62.4 44.8 67.2





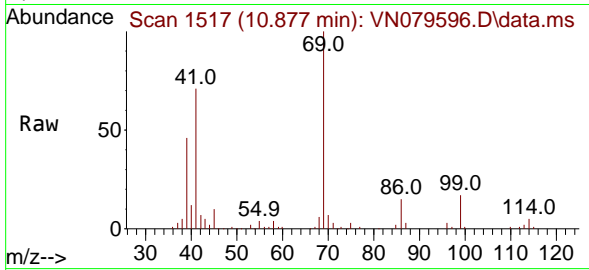
#51
 Ethyl methacrylate
 Concen: 20.763 ug/l
 RT: 10.877 min Scan# 1517
 Delta R.T. 0.000 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28

Instrument :

MSVOA_N

ClientSampleId :

VN1018WBS01



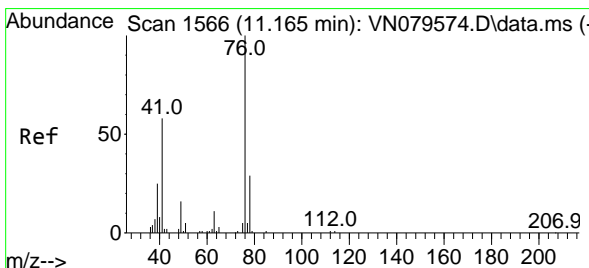
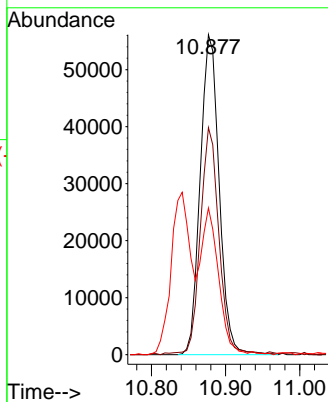
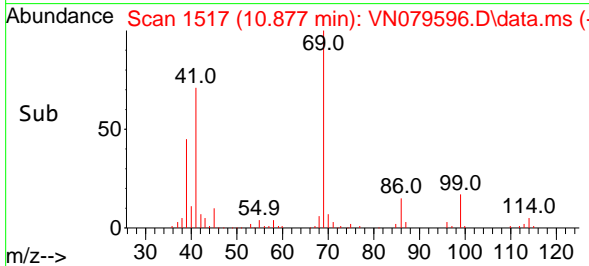
Tgt Ion: 69 Resp: 9965
 Ion Ratio Lower Upper
 69 100
 41 70.6 33.8 101.3
 39 45.4 21.3 63.9

Manual Integrations
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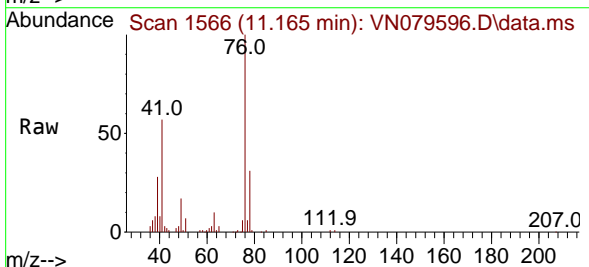
Reviewed By :John
 Carlone

10/19/2023
 Supervised By :Mahesh
 Dadoda

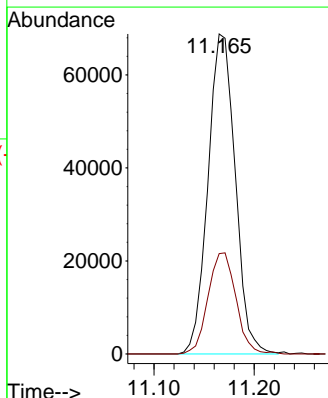
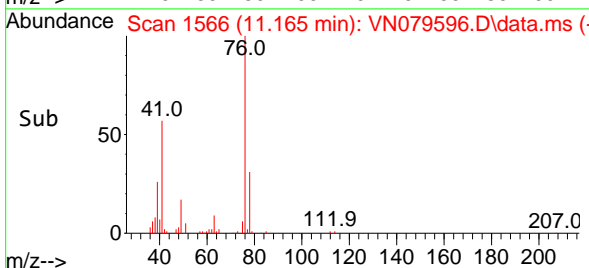
10/20/2023

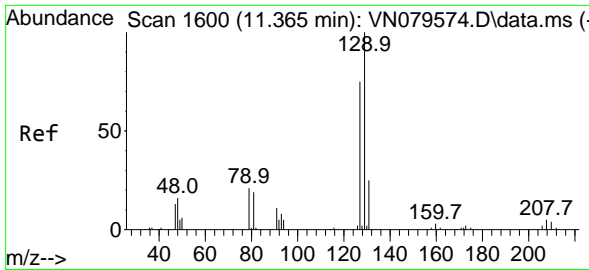


#52
 1,3-Dichloropropane
 Concen: 21.102 ug/l
 RT: 11.165 min Scan# 1566
 Delta R.T. 0.000 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28



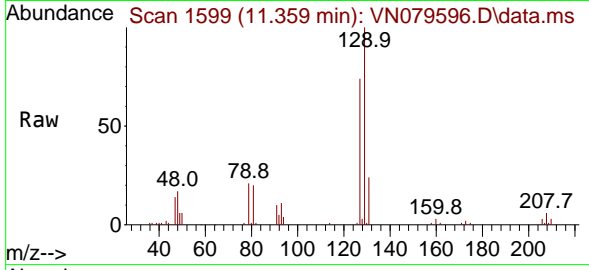
Tgt Ion: 76 Resp: 130048
 Ion Ratio Lower Upper
 76 100
 78 32.2 0.0 64.0





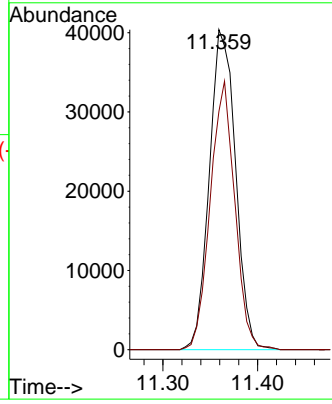
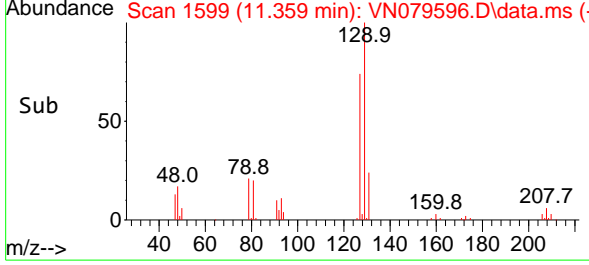
#53
 Dibromochloromethane
 Concen: 21.877 ug/l
 RT: 11.359 min Scan# 11359
 Delta R.T. -0.005 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28

Instrument :
 MSVOA_N
ClientSampleId :
 VN1018WBS01

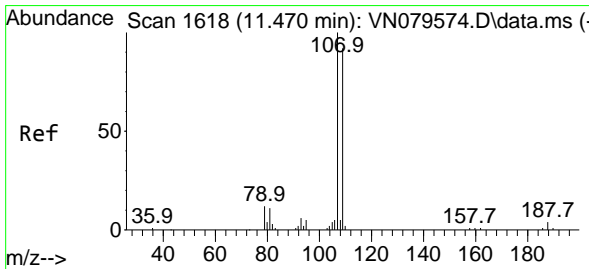


Tgt Ion:129 Resp: 7778
 Ion Ratio Lower Upper
 129 100
 127 78.7 38.8 116.3

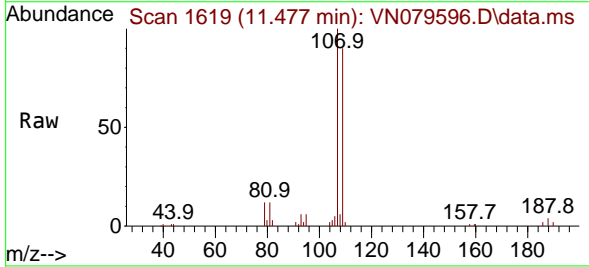
Manual Integrations
APPROVED
 Reviewed By :John
 Carlone



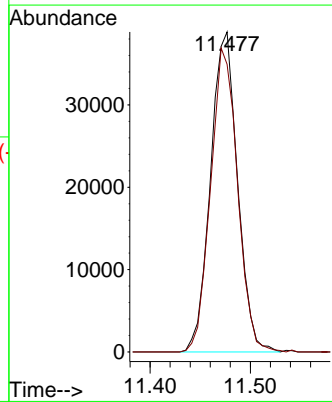
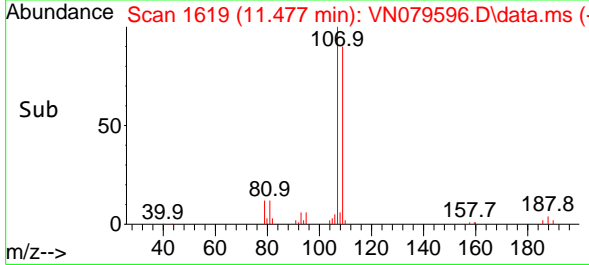
10/19/2023
 Supervised By :Mahesh
 Dadoda
 10/20/2023

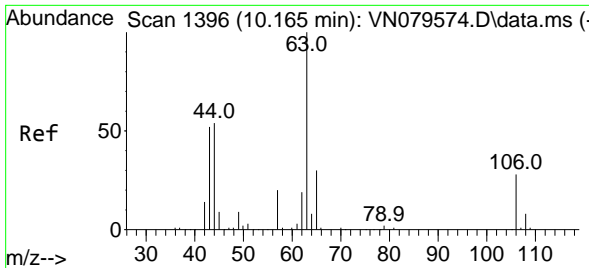


#54
 1,2-Dibromoethane
 Concen: 21.179 ug/l
 RT: 11.477 min Scan# 1619
 Delta R.T. 0.006 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28



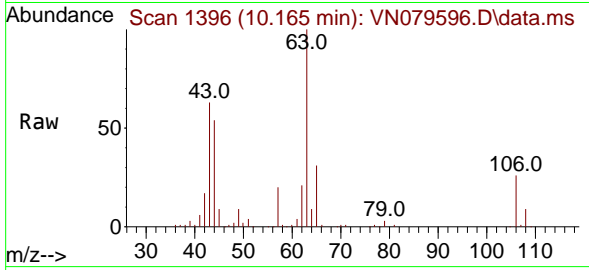
Tgt Ion:107 Resp: 72684
 Ion Ratio Lower Upper
 107 100
 109 94.6 73.2 109.8





#55
 2-Chloroethyl vinyl ether
 Concen: 97.101 ug/l
 RT: 10.165 min Scan# 1396
 Delta R.T. 0.000 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28

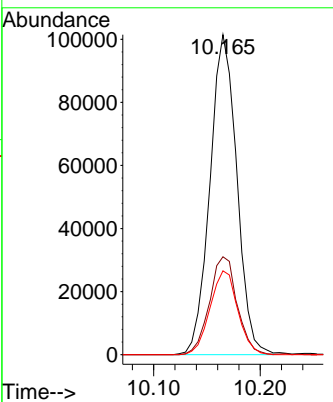
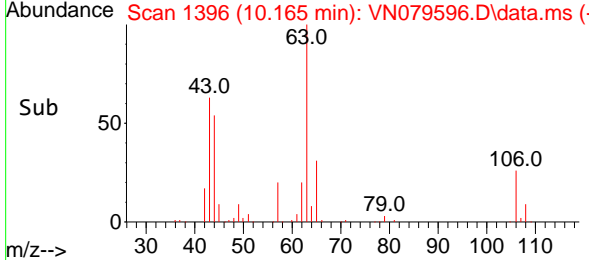
Instrument :
 MSVOA_N
ClientSampleId :
 VN1018WBS01



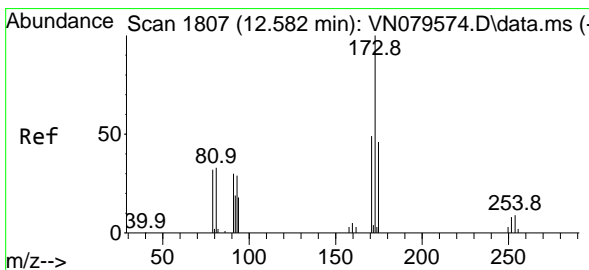
Tgt Ion: 63 Resp: 177809

Ion	Ratio	Lower	Upper
63	100		
65	31.5	25.9	38.9
106	27.0	20.6	30.8

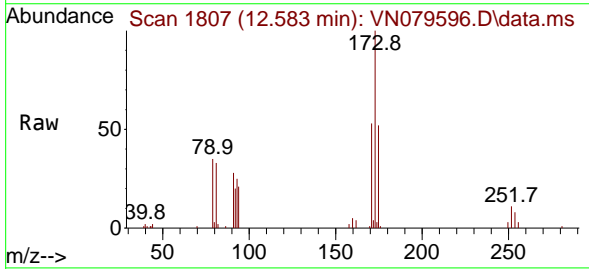
Manual Integrations
APPROVED
 Reviewed By :John
 Carlone



10/19/2023
 Supervised By :Mahesh
 Dadoda
 10/20/2023

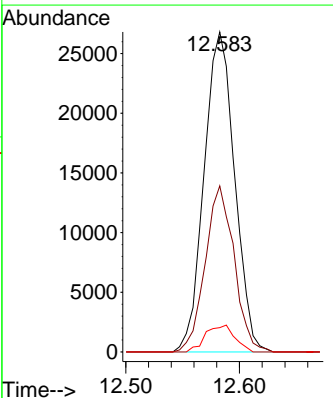
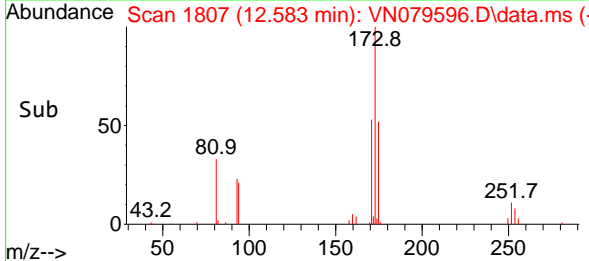


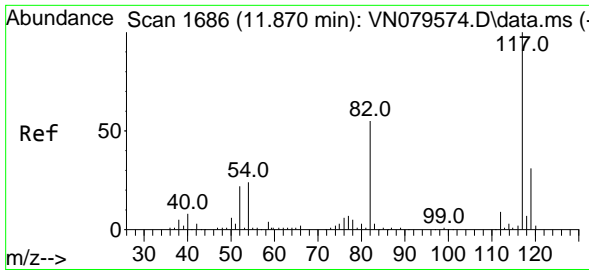
#56
 Bromoform
 Concen: 21.283 ug/l
 RT: 12.583 min Scan# 1807
 Delta R.T. 0.000 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28



Tgt Ion:173 Resp: 50059

Ion	Ratio	Lower	Upper
173	100		
175	49.2	37.9	56.9
254	8.0	7.3	10.9





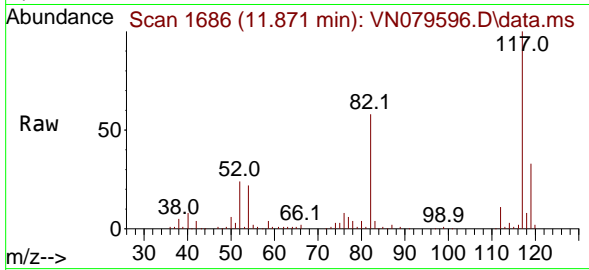
#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.871 min Scan# 10
 Delta R.T. 0.000 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28

Instrument :

MSVOA_N

ClientSampleId :

VN1018WBS01



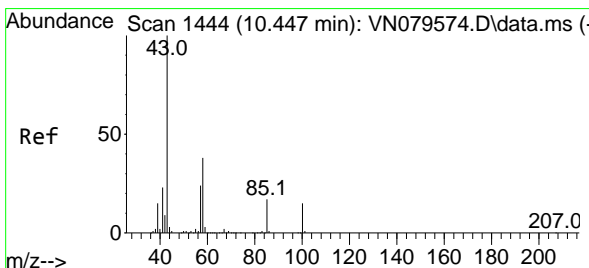
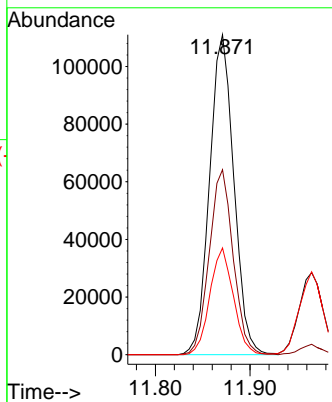
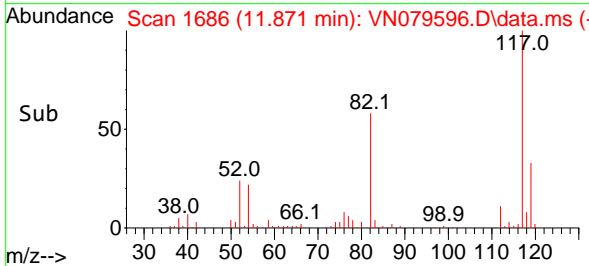
Tgt Ion:117 Resp: 198204
 Ion Ratio Lower Upper
 117 100
 82 56.9 46.2 69.2
 119 32.3 25.2 37.8

Manual Integrations
 APPROVED

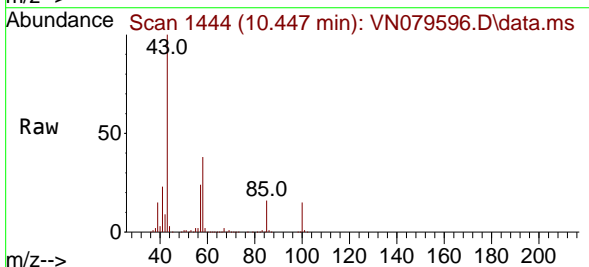
Reviewed By :John
 Carlone

10/19/2023
 Supervised By :Mahesh
 Dadoda

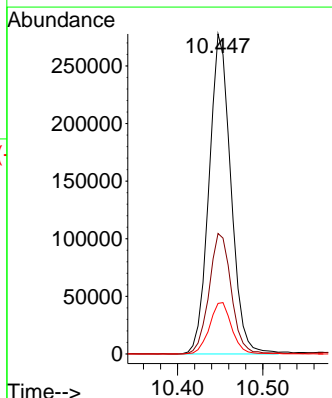
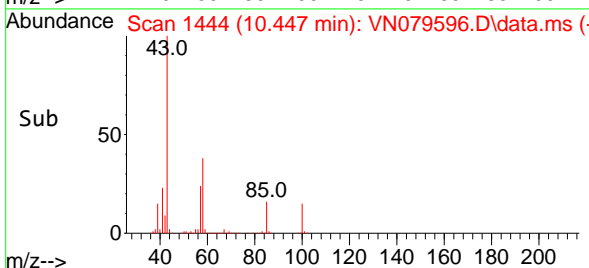
10/20/2023

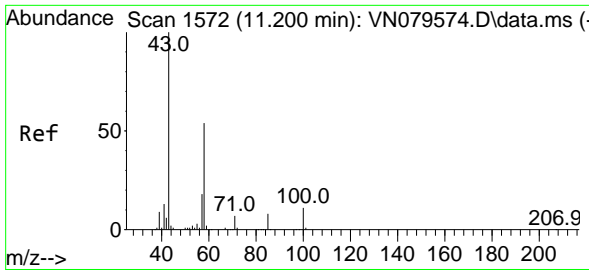


#58
 4-Methyl-2-Pentanone
 Concen: 106.900 ug/l
 RT: 10.447 min Scan# 1444
 Delta R.T. 0.000 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28



Tgt Ion: 43 Resp: 494203
 Ion Ratio Lower Upper
 43 100
 58 38.3 30.4 45.6
 85 16.3 13.2 19.8





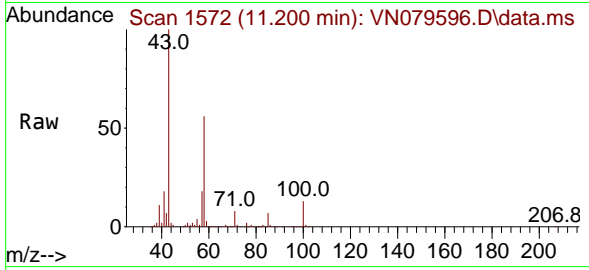
#59
 2-Hexanone
 Concen: 105.220 ug/l
 RT: 11.200 min Scan# 111
 Delta R.T. 0.000 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28

Instrument :

MSVOA_N

ClientSampleId :

VN1018WBS01



Tgt Ion: 43 Resp: 35686
 Ion Ratio Lower Upper
 43 100
 58 53.9 42.3 63.5
 57 18.1 13.9 20.9

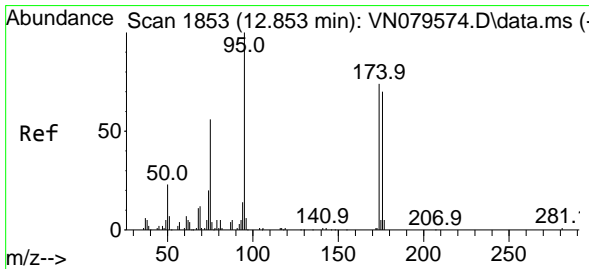
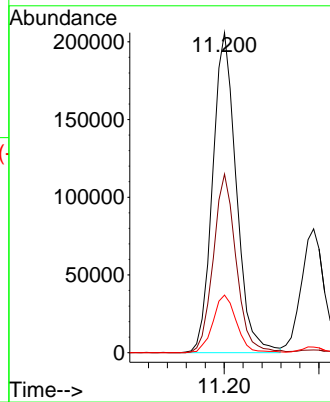
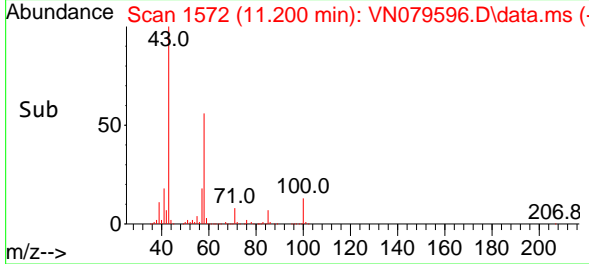
Manual Integrations

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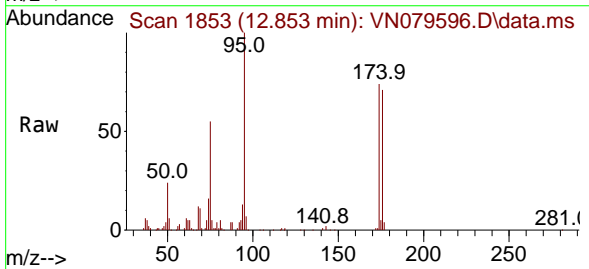
Reviewed By :John
 Carlone

10/19/2023
 Supervised By :Mahesh
 Dadoda

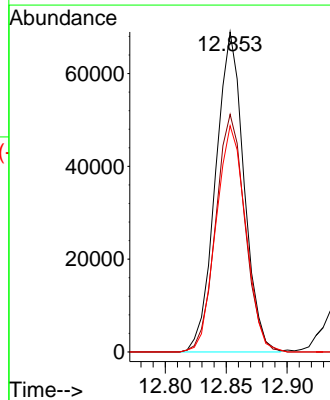
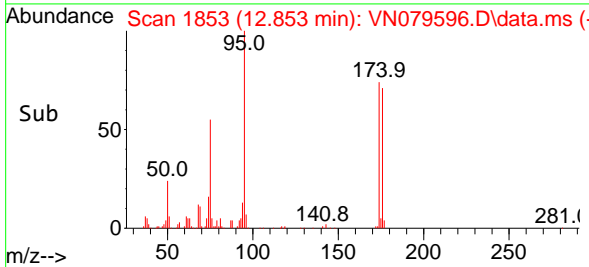
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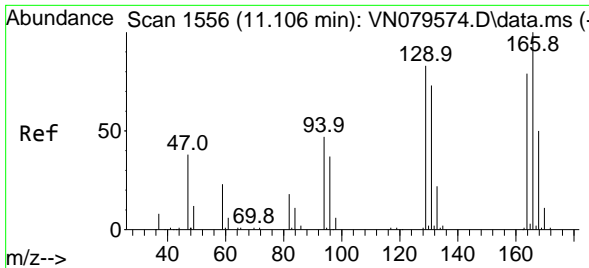


#60
 4-Bromofluorobenzene
 Concen: 30.878 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28



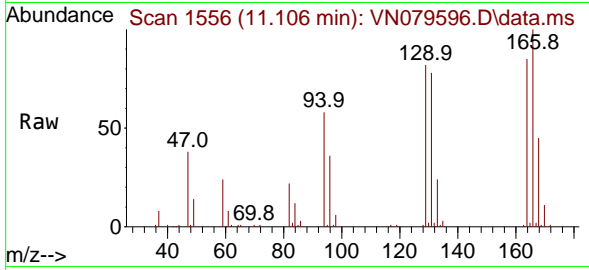
Tgt Ion: 95 Resp: 111920
 Ion Ratio Lower Upper
 95 100
 174 76.4 60.5 90.7
 176 73.9 57.2 85.8





#61
 Tetrachloroethene
 Concen: 22.349 ug/l
 RT: 11.106 min Scan# 1556
 Delta R.T. 0.000 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28

Instrument : MSVOA_N
 ClientSampleId : VN1018WBS01



Tgt Ion:164 Resp: 60819

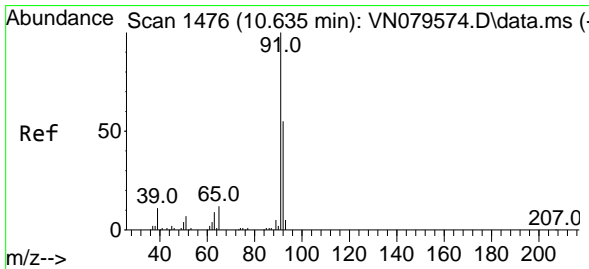
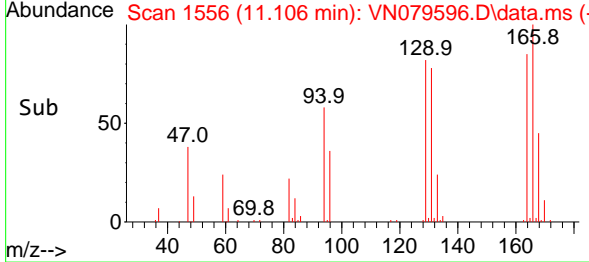
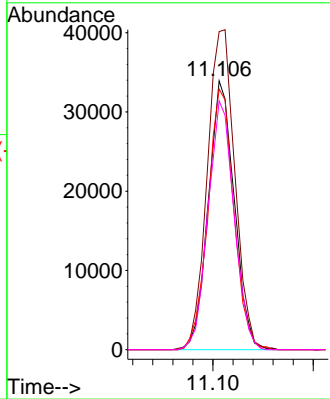
Ion	Ratio	Lower	Upper
164	100		
166	118.3	98.2	147.4
129	96.9	75.0	112.4
131	92.5	76.4	114.6

Manual Integrations
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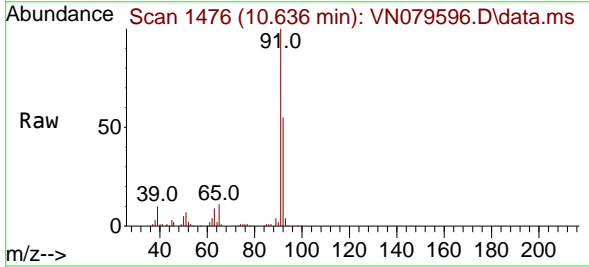
Reviewed By :John Carlone

10/19/2023
 Supervised By :Mahesh Dadoda

10/20/2023

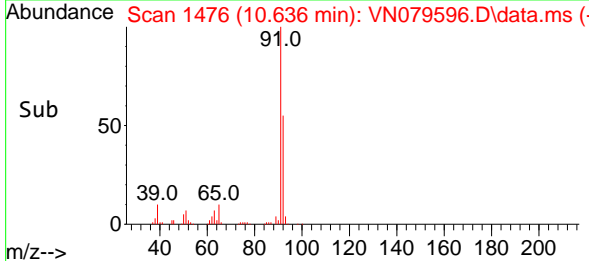
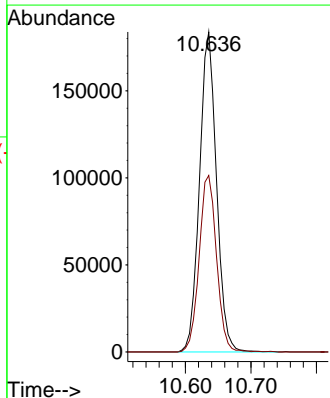


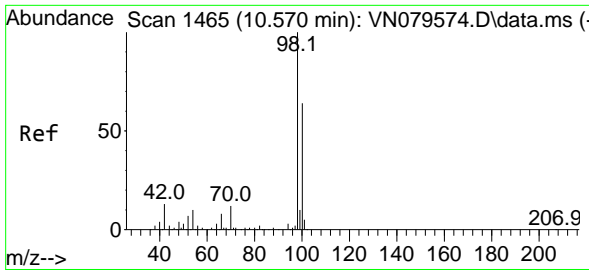
#62
 Toluene
 Concen: 21.888 ug/l
 RT: 10.636 min Scan# 1476
 Delta R.T. 0.000 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28



Tgt Ion: 91 Resp: 331560

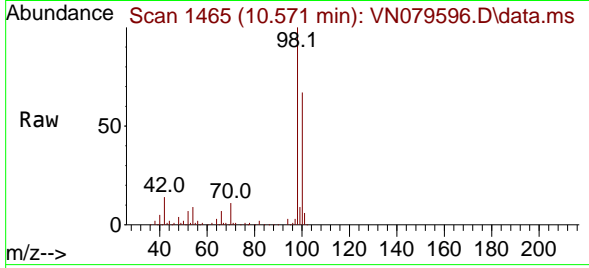
Ion	Ratio	Lower	Upper
91	100		
92	56.4	45.3	67.9





#63
 Toluene-d8
 Concen: 30.106 ug/l
 RT: 10.571 min Scan# 1465
 Delta R.T. 0.000 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28

Instrument : MSVOA_N
 Client Sample Id : VN1018WBS01



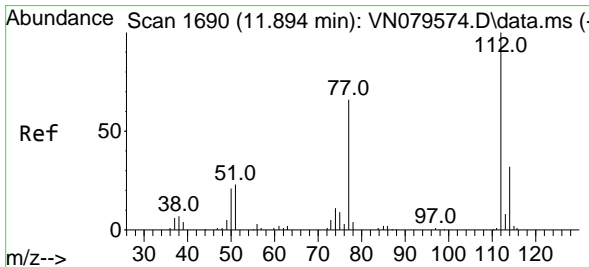
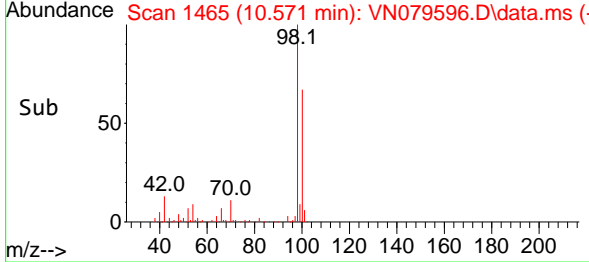
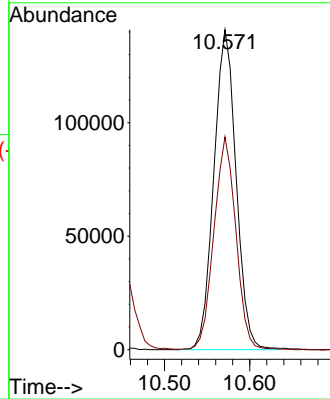
Tgt Ion: 98 Resp: 25569
 Ion Ratio Lower Upper
 98 100
 100 65.2 51.6 77.4

Manual Integrations
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Reviewed By :John
 Carlone

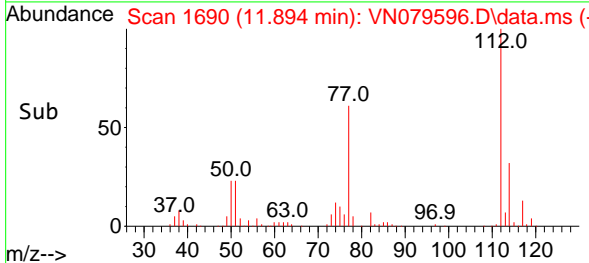
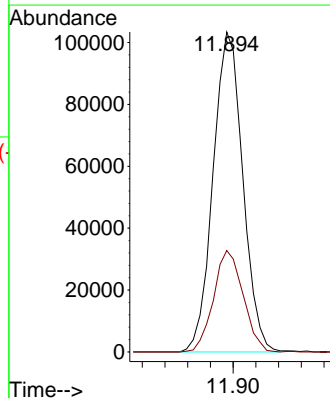
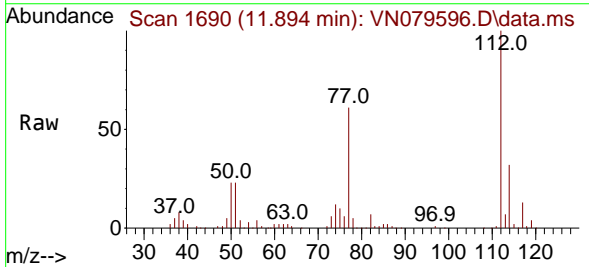
10/19/2023
 Supervised By :Mahesh
 Dadoda

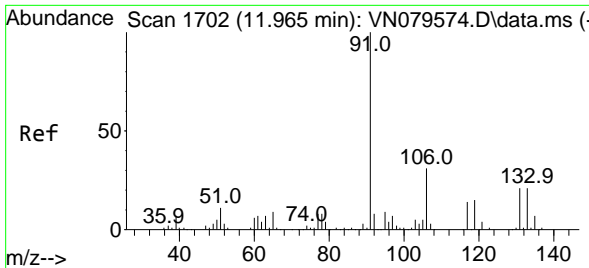
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#64
 Chlorobenzene
 Concen: 21.358 ug/l
 RT: 11.894 min Scan# 1690
 Delta R.T. 0.000 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28

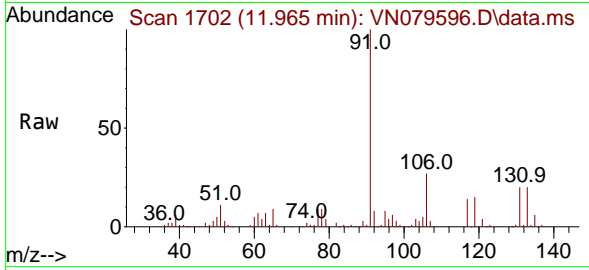
Tgt Ion:112 Resp: 187644
 Ion Ratio Lower Upper
 112 100
 114 31.7 28.1 42.1





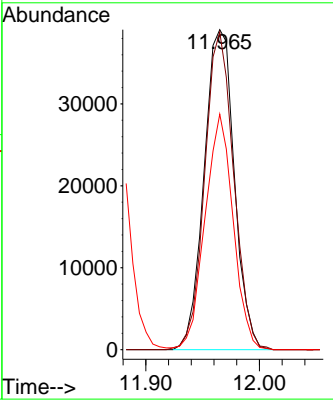
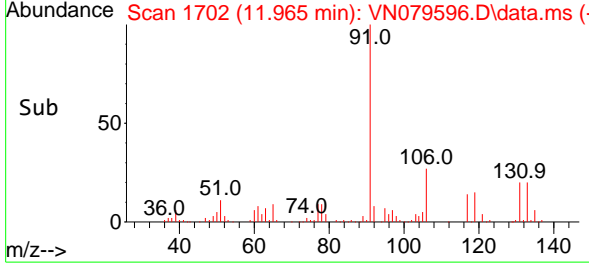
#65
 1,1,1,2-Tetrachloroethane
 Concen: 21.599 ug/l
 RT: 11.965 min Scan# 1702
 Delta R.T. 0.000 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28

Instrument : MSVOA_N
 Client Sample Id : VN1018WBS01

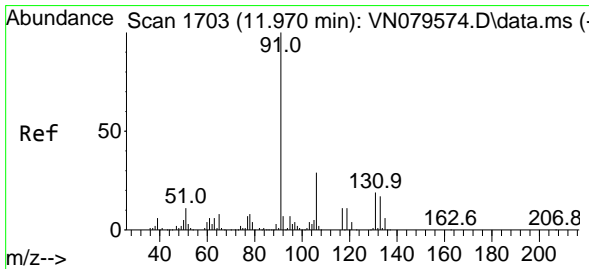


Tgt Ion: 131 Resp: 7228
 Ion Ratio Lower Upper
 131 100
 133 95.2 0.0 196.0
 119 68.6 0.0 135.6

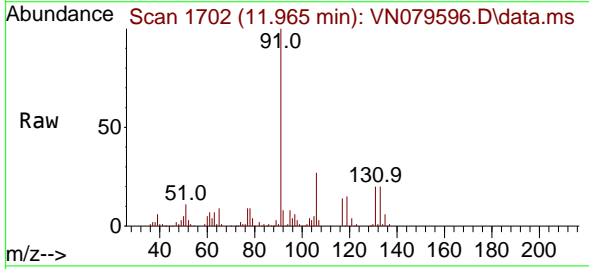
Manual Integrations
APPROVED
 Reviewed By : John Carlone



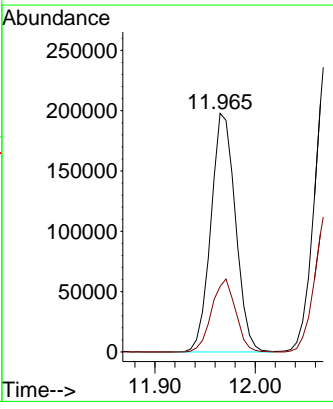
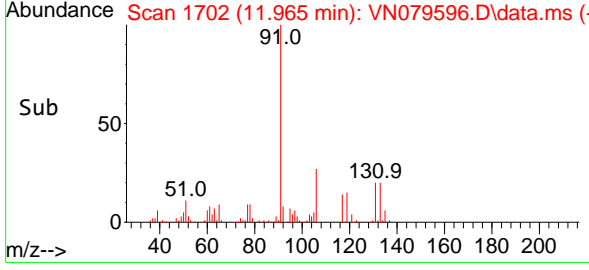
10/19/2023
 Supervised By : Mahesh Dadoda
 10/20/2023

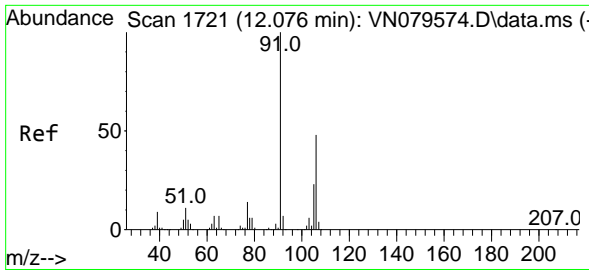


#66
 Ethyl Benzene
 Concen: 21.550 ug/l
 RT: 11.965 min Scan# 1702
 Delta R.T. -0.005 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28



Tgt Ion: 91 Resp: 336335
 Ion Ratio Lower Upper
 91 100
 106 27.4 23.8 35.8





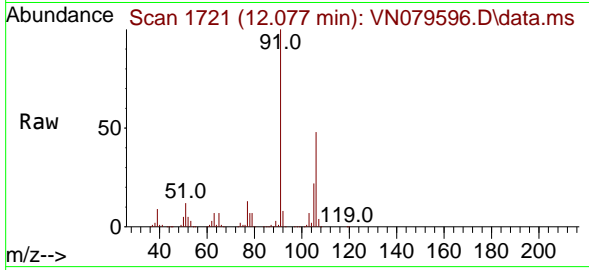
#67
 m/p-Xylenes
 Concen: 44.882 ug/l
 RT: 12.077 min Scan# 1721
 Delta R.T. 0.000 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28

Instrument :

MSVOA_N

ClientSampleId :

VN1018WBS01



Tgt Ion:106 Resp: 25908
 Ion Ratio Lower Upper
 106 100
 91 210.7 161.8 242.6

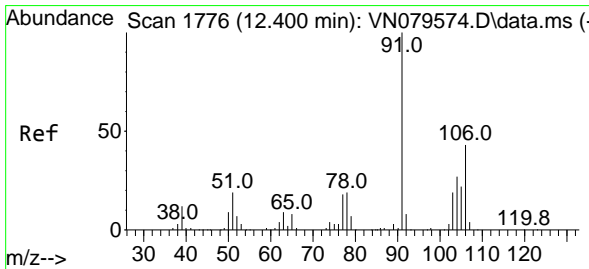
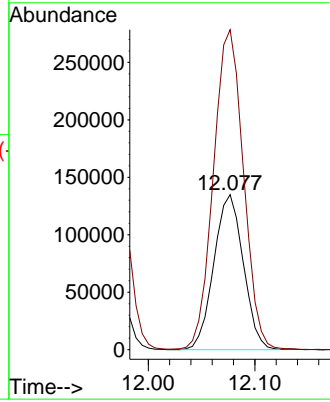
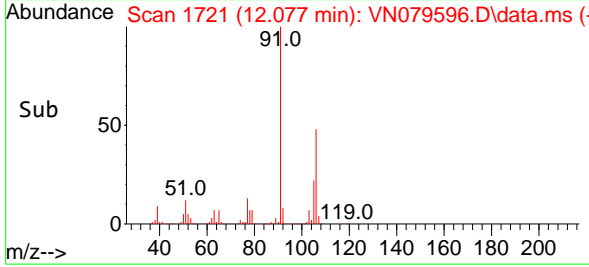
Manual Integrations

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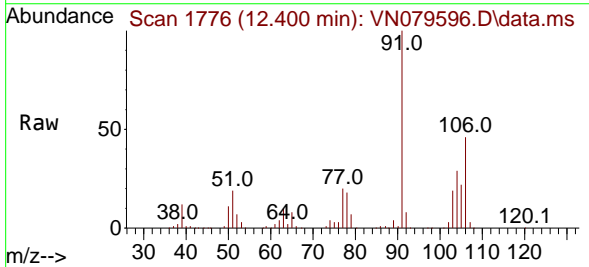
Reviewed By :John
 Carlone

10/19/2023
 Supervised By :Mahesh
 Dadoda

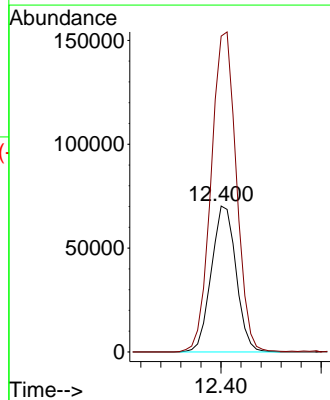
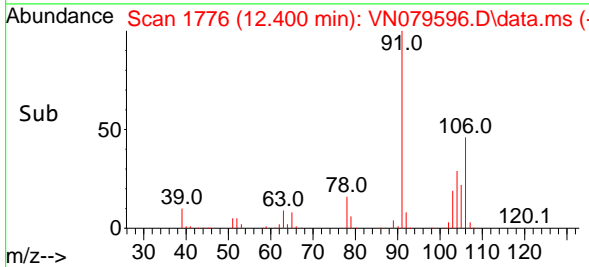
10/20/2023

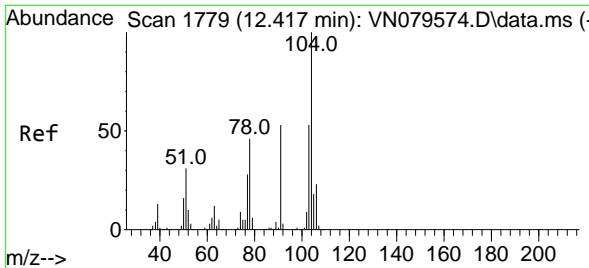


#68
 o-Xylene
 Concen: 21.840 ug/l
 RT: 12.400 min Scan# 1776
 Delta R.T. 0.000 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28



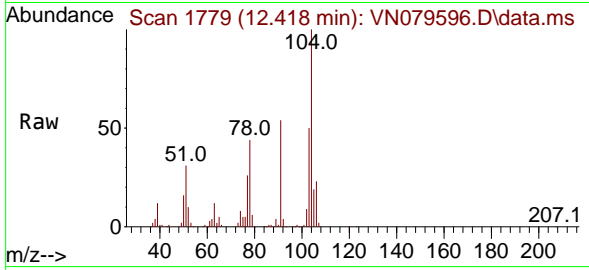
Tgt Ion:106 Resp: 120526
 Ion Ratio Lower Upper
 106 100
 91 223.3 109.9 329.7





#69
 Styrene
 Concen: 23.300 ug/l
 RT: 12.418 min Scan# 1779
 Delta R.T. 0.000 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28

Instrument : MSVOA_N
 Client Sample Id : VN1018WBS01

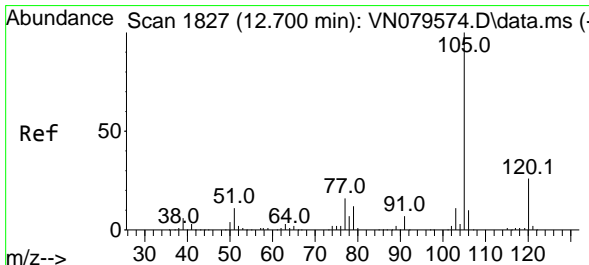
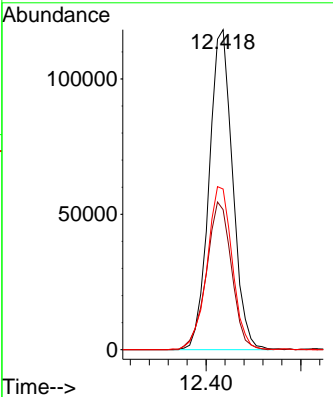
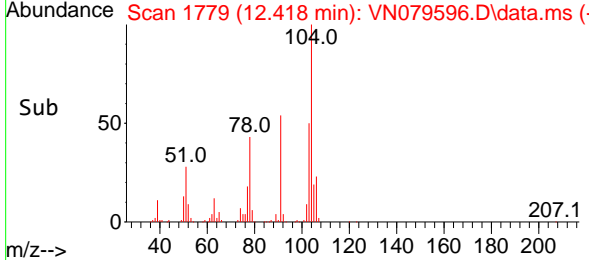


Tgt Ion: 104 Resp: 204128

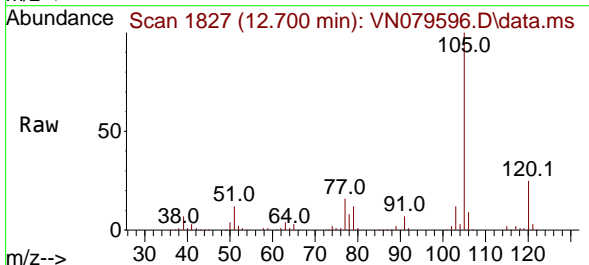
Ion	Ratio	Lower	Upper
104	100		
78	49.3	41.2	61.8
103	54.6	43.1	64.7

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 Reviewed By : John Carlone

10/19/2023
 Supervised By : Mahesh Dadoda
 10/20/2023

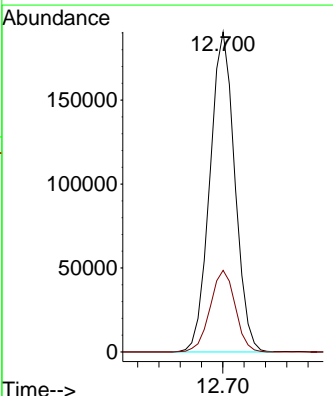
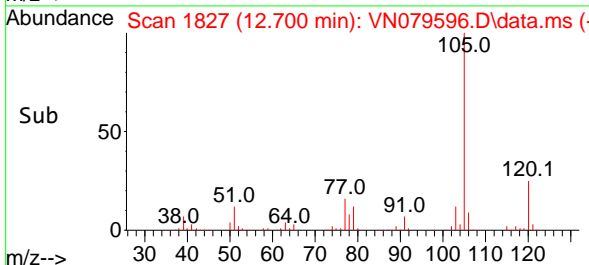


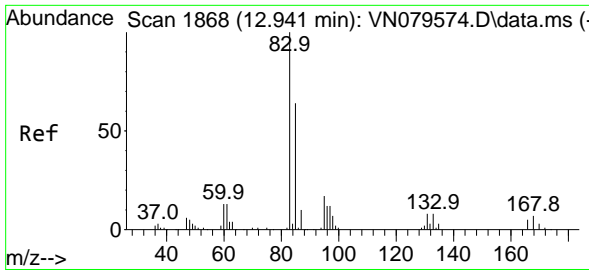
#70
 Isopropylbenzene
 Concen: 21.821 ug/l
 RT: 12.700 min Scan# 1827
 Delta R.T. 0.000 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28



Tgt Ion: 105 Resp: 309041

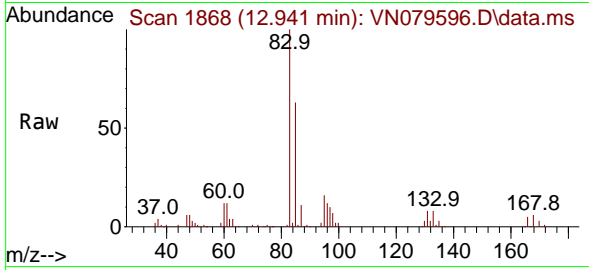
Ion	Ratio	Lower	Upper
105	100		
120	25.6	18.1	33.5





#71
 1,1,2,2-Tetrachloroethane
 Concen: 21.638 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28

Instrument : MSVOA_N
 ClientSampleId : VN1018WBS01



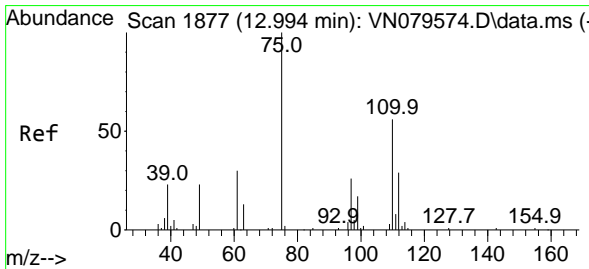
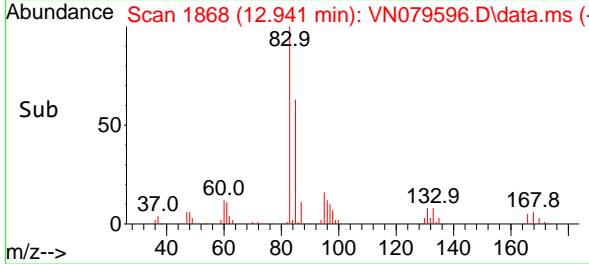
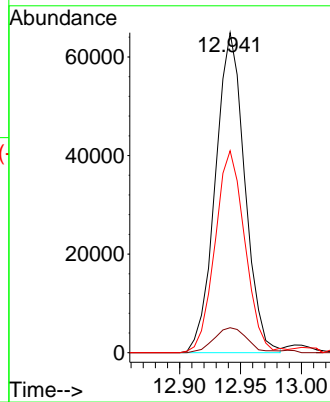
Tgt Ion: 83 Resp: 10896
 Ion Ratio Lower Upper
 83 100
 131 8.6 4.5 13.4
 85 63.8 32.1 96.3

Manual Integrations
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Reviewed By :John
 Carlone

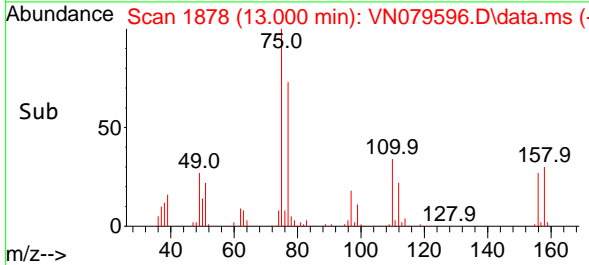
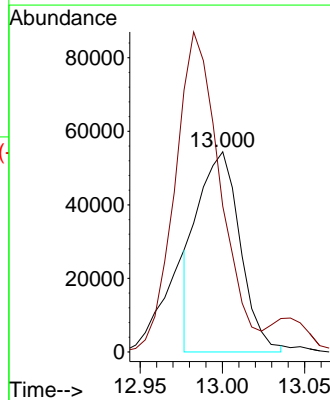
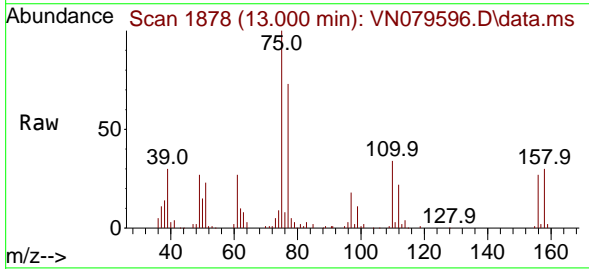
10/19/2023
 Supervised By :Mahesh
 Dadoda

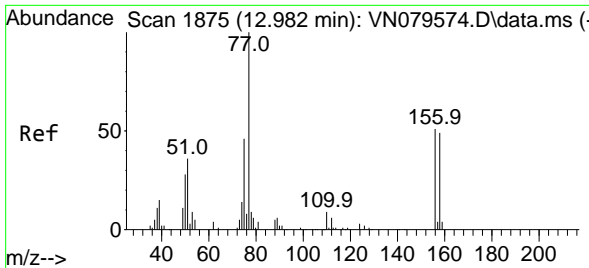
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#72
 1,2,3-Trichloropropane
 Concen: 21.362 ug/l m
 RT: 13.000 min Scan# 1878
 Delta R.T. 0.006 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28

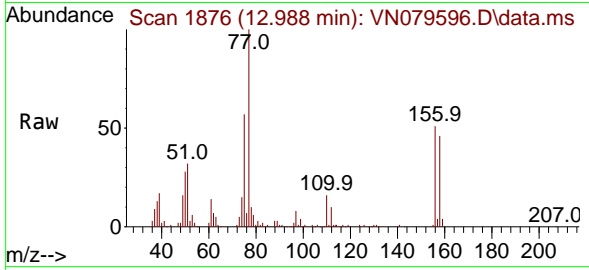
Tgt Ion: 75 Resp: 97688
 Ion Ratio Lower Upper
 75 100
 77 171.2 0.0 338.2





#73
 Bromobenzene
 Concen: 22.132 ug/l
 RT: 12.988 min Scan# 1876
 Delta R.T. 0.006 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28

Instrument : MSVOA_N
 Client Sample Id : VN1018WBS01



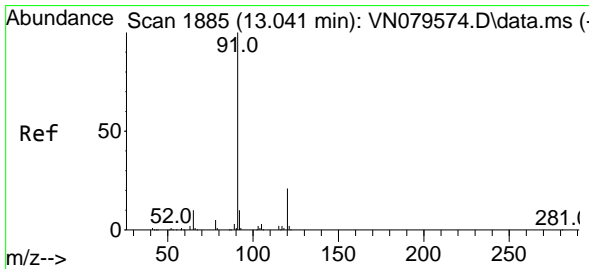
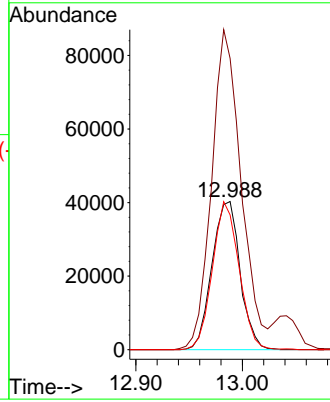
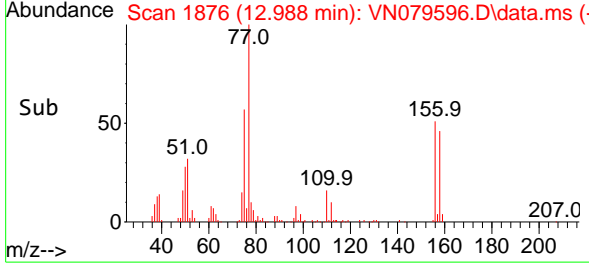
Tgt Ion	Resp	Lower	Upper
156	7363		
156	100		
77	227.2	0.0	448.2
158	95.1	0.0	194.8

Manual Integrations
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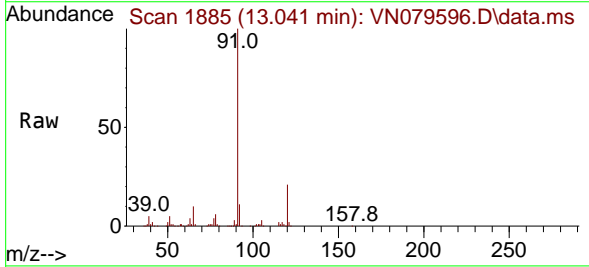
Reviewed By : John Carlone

10/19/2023
 Supervised By : Mahesh Dadoda

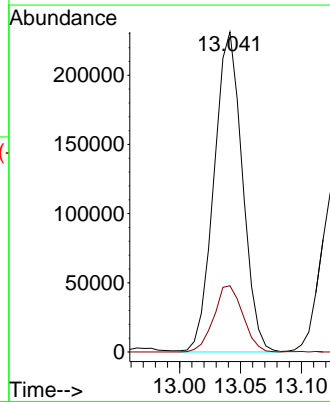
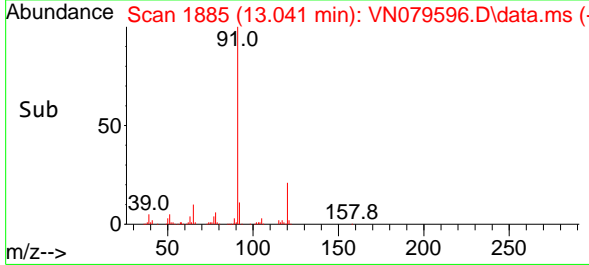
10/20/2023

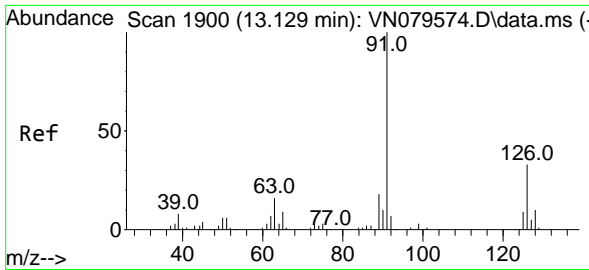


#74
 n-propylbenzene
 Concen: 22.689 ug/l
 RT: 13.041 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28



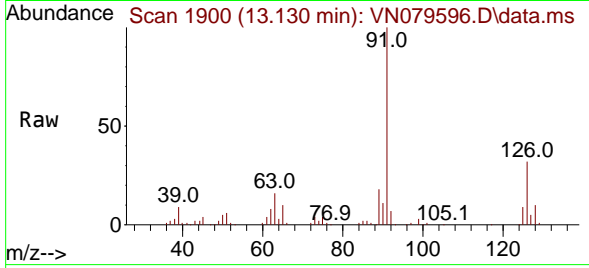
Tgt Ion	Resp	Lower	Upper
91	374104		
91	100		
120	21.2	0.0	42.0





#75
 2-Chlorotoluene
 Concen: 22.034 ug/l
 RT: 13.130 min Scan# 1900
 Delta R.T. 0.000 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28

Instrument : MSVOA_N
 Client Sample Id : VN1018WBS01



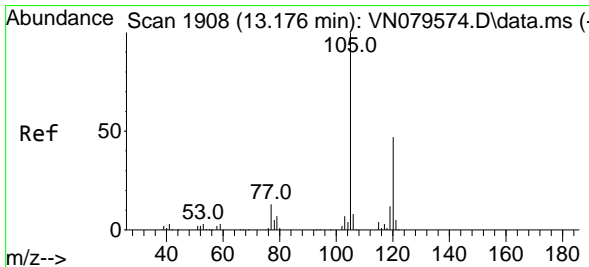
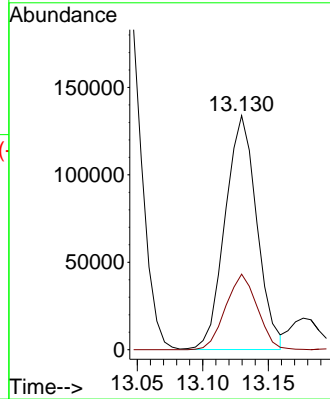
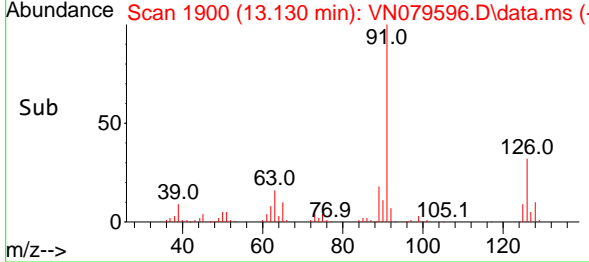
Tgt Ion: 91 Resp: 225859
 Ion Ratio Lower Upper
 91 100
 126 32.1 0.0 64.6

Manual Integrations
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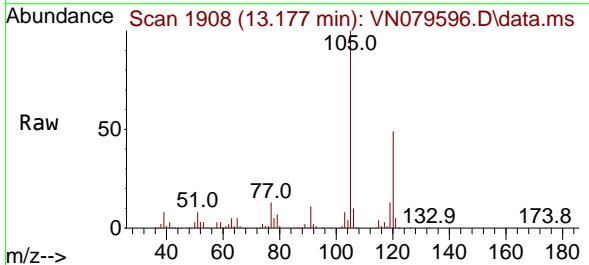
Reviewed By :John
 Carlone

10/19/2023
 Supervised By :Mahesh
 Dadoda

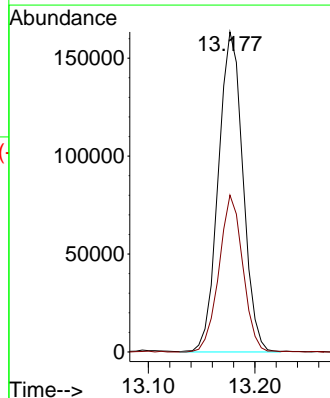
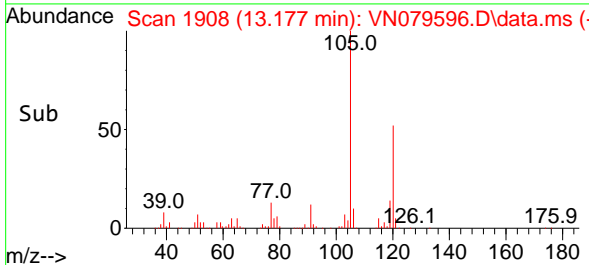
10/20/2023

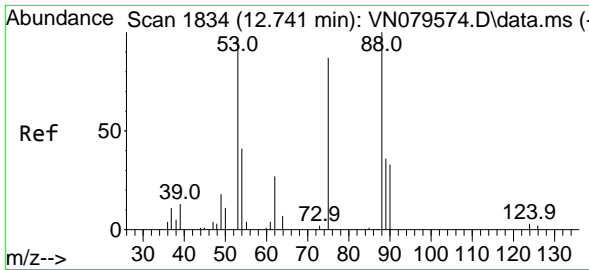


#76
 1,3,5-Trimethylbenzene
 Concen: 22.614 ug/l
 RT: 13.177 min Scan# 1908
 Delta R.T. 0.000 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28



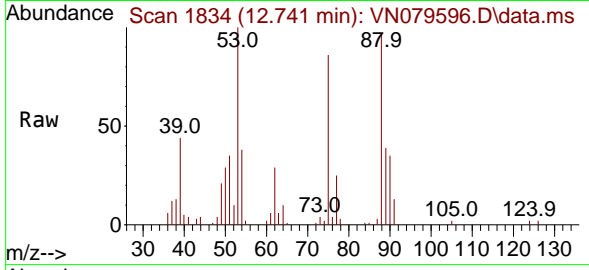
Tgt Ion:105 Resp: 261811
 Ion Ratio Lower Upper
 105 100
 120 47.4 0.0 93.2





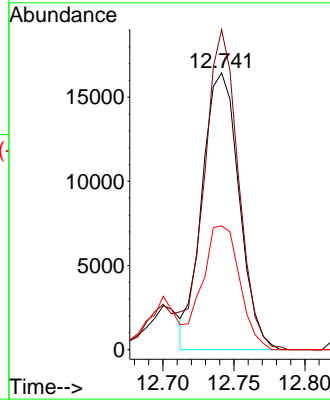
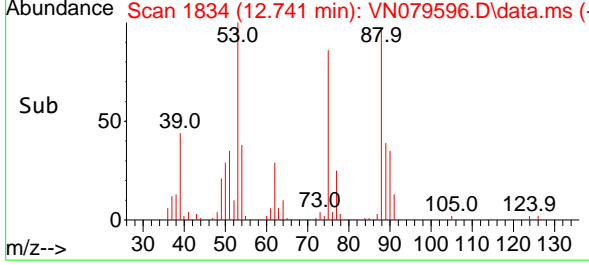
#77
 t-1,4-Dichloro-2-butene
 Concen: 21.351 ug/l
 RT: 12.741 min Scan# 1834
 Delta R.T. 0.000 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28

Instrument : MSVOA_N
 Client Sample Id : VN1018WBS01

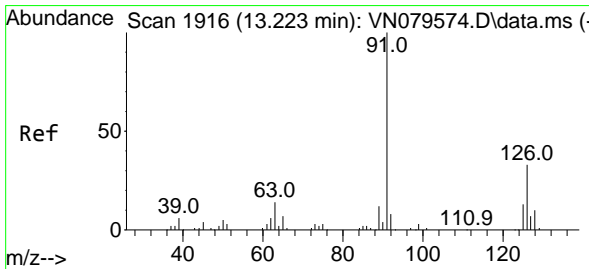


Tgt Ion: 75 Resp: 29800
 Ion Ratio Lower Upper
 75 100
 53 114.6 53.0 159.1
 89 43.6 22.6 67.7

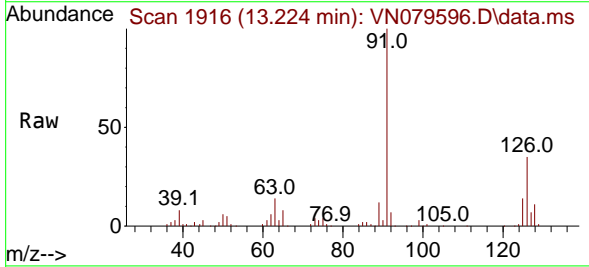
Manual Integrations
APPROVED
 Reviewed By :John
 Carlone



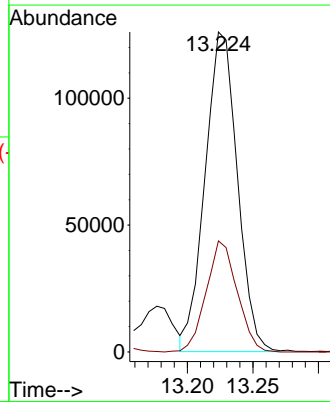
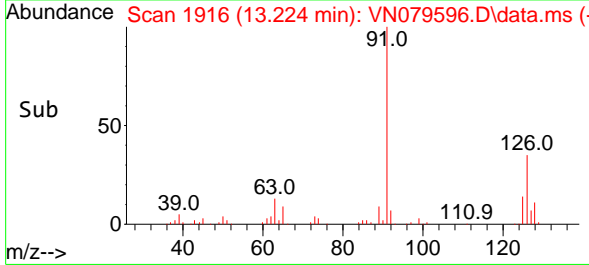
10/19/2023
 Supervised By :Mahesh
 Dadoda
 10/20/2023

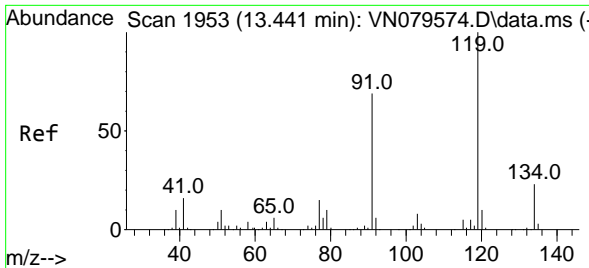


#78
 4-Chlorotoluene
 Concen: 22.299 ug/l
 RT: 13.224 min Scan# 1916
 Delta R.T. 0.000 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28



Tgt Ion: 91 Resp: 215959
 Ion Ratio Lower Upper
 91 100
 126 33.3 0.0 65.4





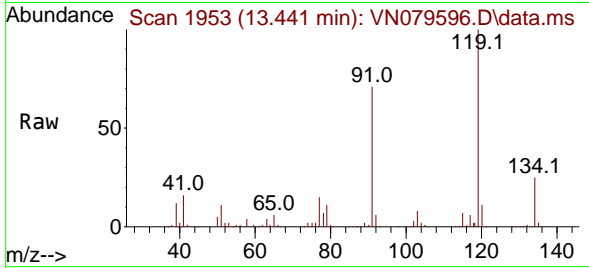
#79
 tert-butylbenzene
 Concen: 21.542 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. 0.000 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28

Instrument :

MSVOA_N

ClientSampleId :

VN1018WBS01



Tgt Ion:119 Resp: 200518
 Ion Ratio Lower Upper
 119 100
 91 69.9 0.0 140.6
 134 24.6 0.0 49.8

Manual Integrations

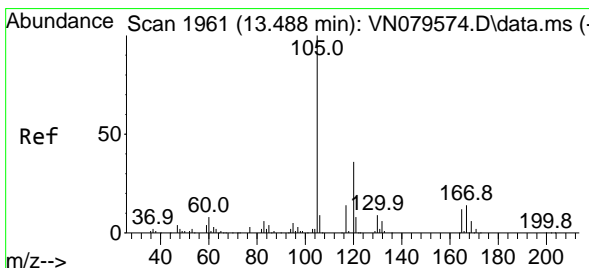
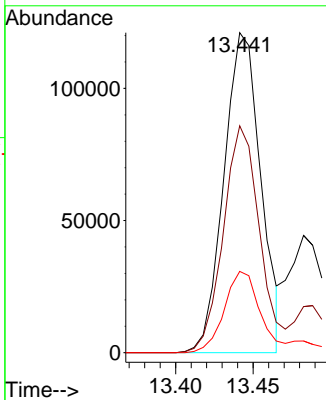
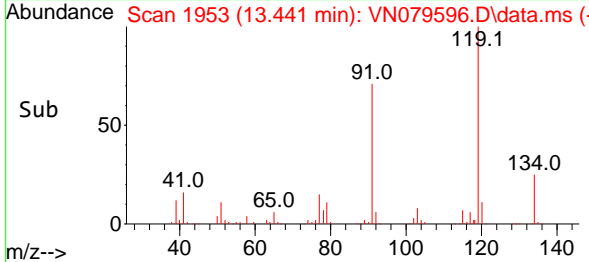
APPROVED

Reviewed By :John
 Carlone

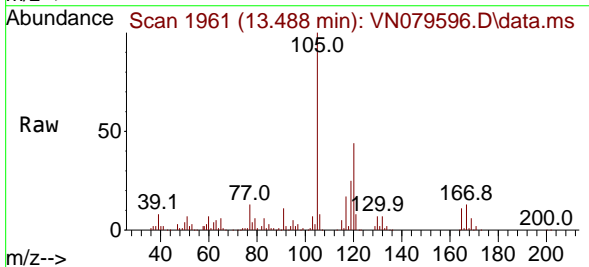
10/19/2023

Supervised By :Mahesh
 Dadoda

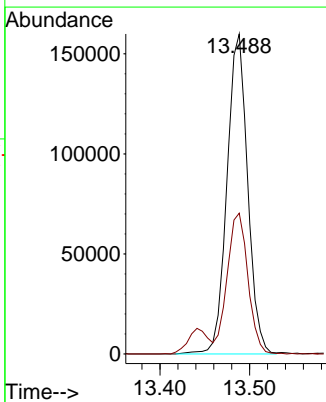
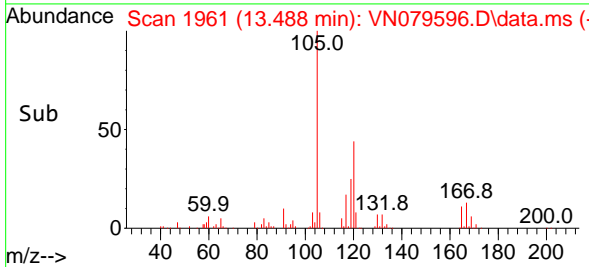
10/20/2023

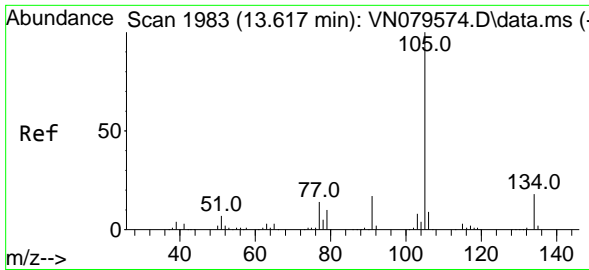


#80
 1,2,4-Trimethylbenzene
 Concen: 22.778 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. 0.000 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28



Tgt Ion:105 Resp: 255523
 Ion Ratio Lower Upper
 105 100
 120 44.0 0.0 88.6





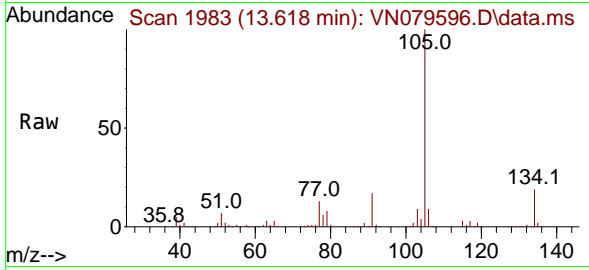
#81
 sec-Butylbenzene
 Concen: 22.173 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28

Instrument :

MSVOA_N

ClientSampleId :

VN1018WBS01



Tgt Ion:105 Resp: 28975
 Ion Ratio Lower Upper
 105 100
 134 19.0 0.0 38.2

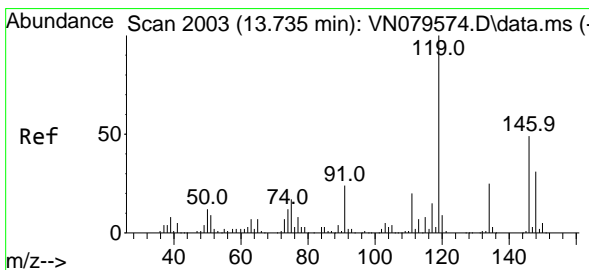
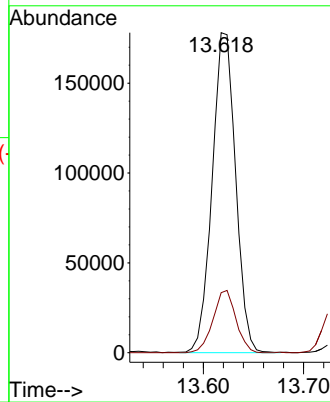
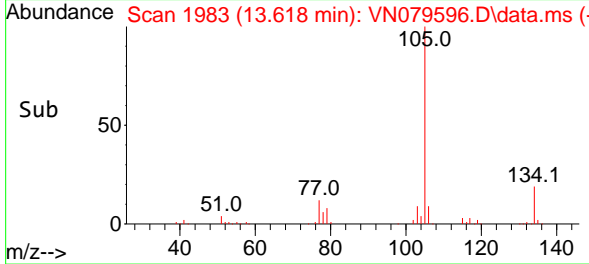
Manual Integrations

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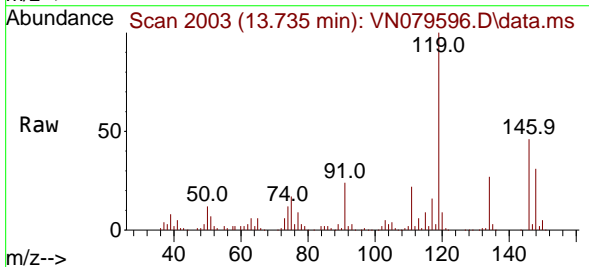
Reviewed By :John
 Carlone

10/19/2023
 Supervised By :Mahesh
 Dadoda

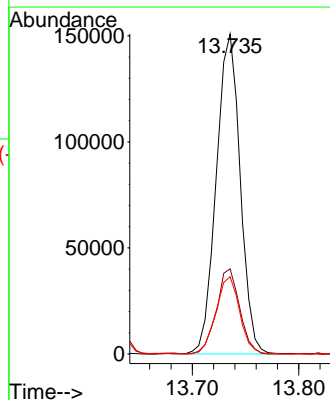
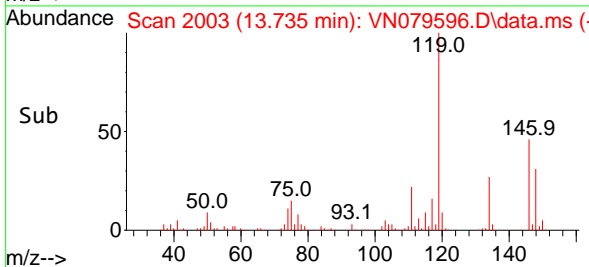
10/20/2023

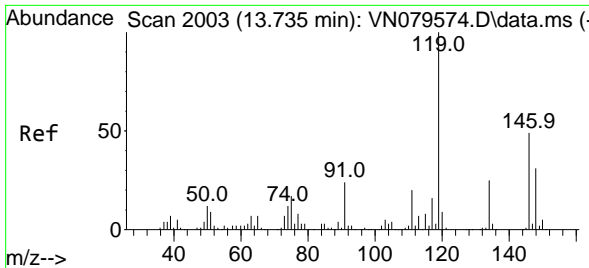


#82
 p-Isopropyltoluene
 Concen: 22.724 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28



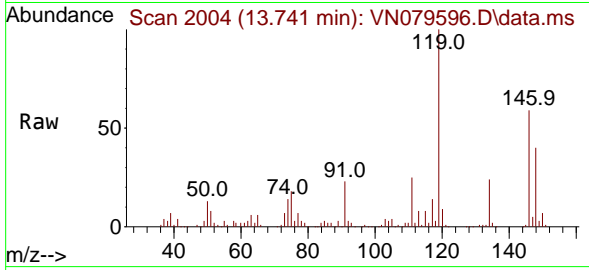
Tgt Ion:119 Resp: 235549
 Ion Ratio Lower Upper
 119 100
 134 25.7 0.0 52.2
 91 23.9 0.0 50.0





#83
 1,3-Dichlorobenzene
 Concen: 22.336 ug/l
 RT: 13.741 min Scan# 2004
 Delta R.T. 0.006 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28

Instrument : MSVOA_N
 Client Sample Id : VN1018WBS01



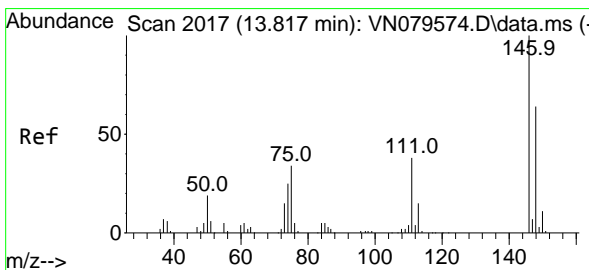
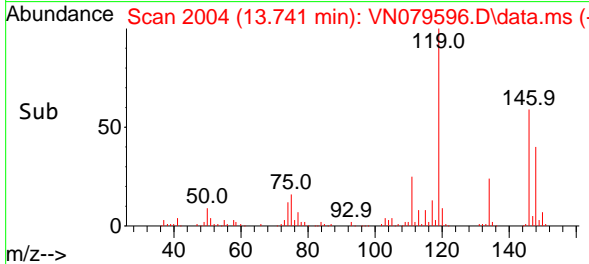
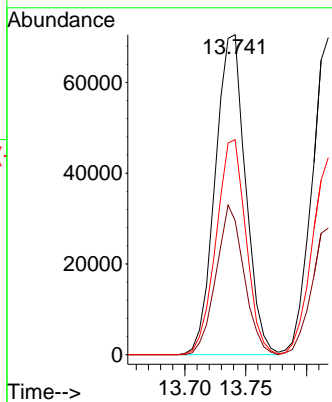
Tgt Ion:146 Resp: 12219
 Ion Ratio Lower Upper
 146 100
 111 43.1 21.0 63.0
 148 66.2 32.4 97.0

Manual Integrations
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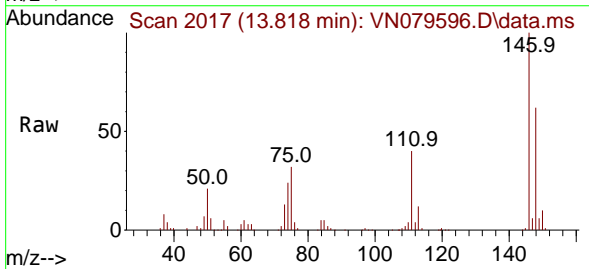
Reviewed By :John
 Carlone

10/19/2023
 Supervised By :Mahesh
 Dadoda

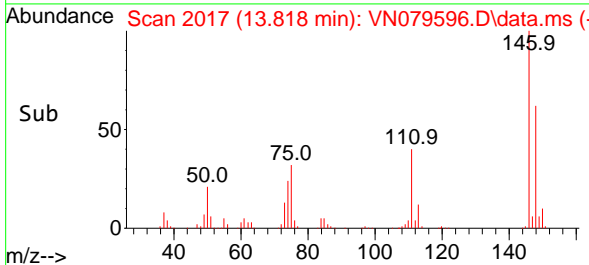
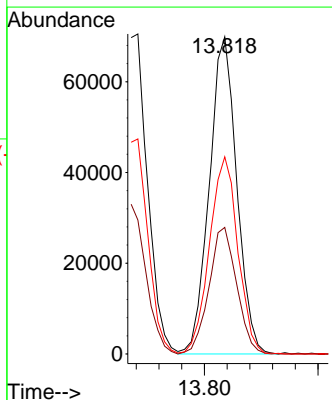
10/20/2023

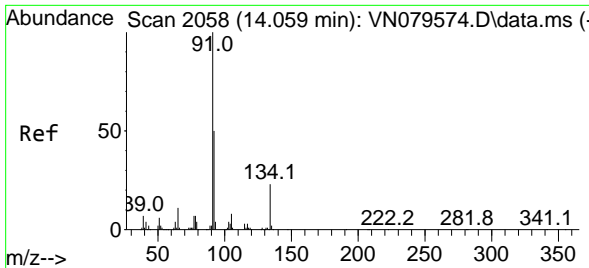


#84
 1,4-Dichlorobenzene
 Concen: 22.384 ug/l
 RT: 13.818 min Scan# 2017
 Delta R.T. 0.000 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28



Tgt Ion:146 Resp: 117393
 Ion Ratio Lower Upper
 146 100
 111 40.2 19.9 59.7
 148 64.1 32.6 97.7





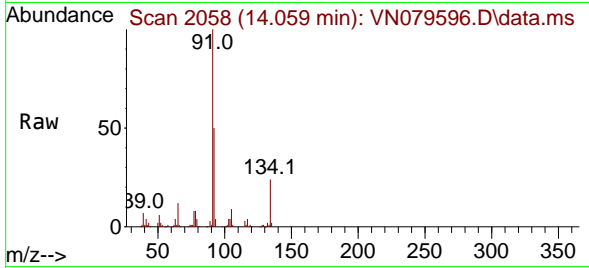
#85
 n-Butylbenzene
 Concen: 21.699 ug/l
 RT: 14.059 min Scan# 2058
 Delta R.T. 0.000 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28

Instrument :

MSVOA_N

Client Sample Id :

VN1018WBS01



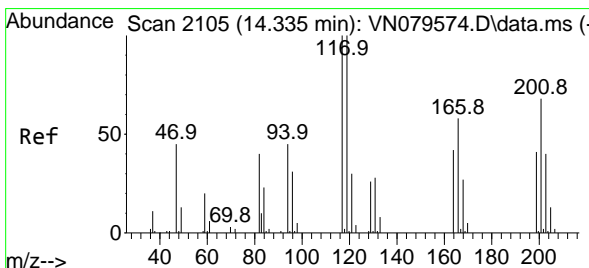
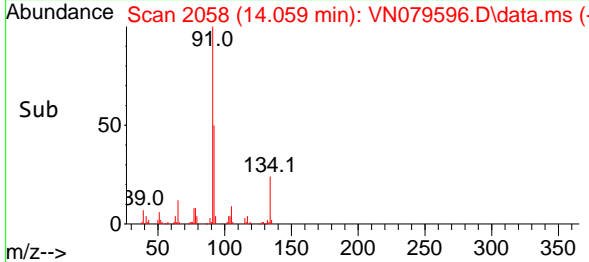
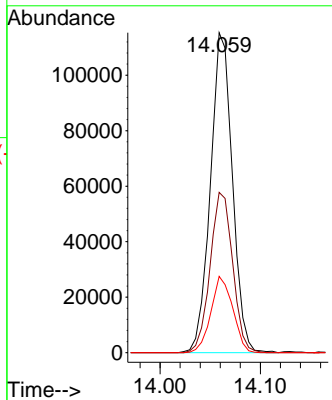
Tgt Ion: 91 Resp: 17574
 Ion Ratio Lower Upper
 91 100
 92 51.3 0.0 99.6
 134 23.7 0.0 46.2

Manual Integrations
APPROVED

Reviewed By :John
 Carlone

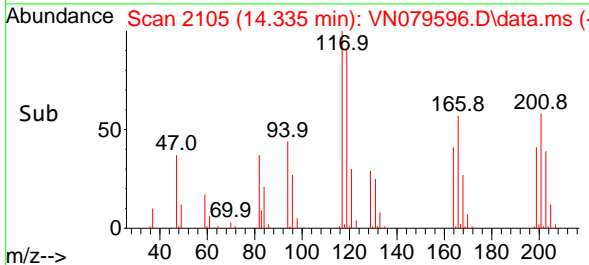
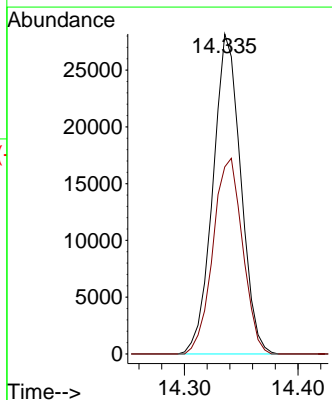
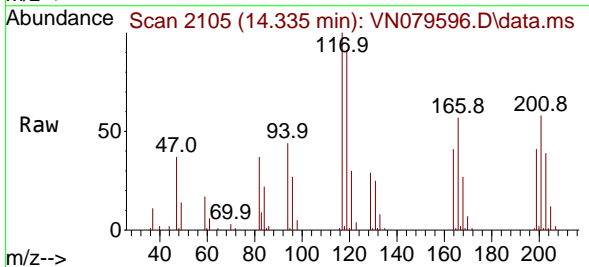
10/19/2023
 Supervised By :Mahesh
 Dadoda

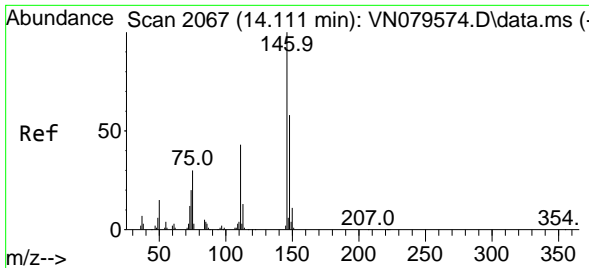
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#86
 Hexachloroethane
 Concen: 21.419 ug/l
 RT: 14.335 min Scan# 2105
 Delta R.T. 0.000 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28

Tgt Ion: 117 Resp: 47999
 Ion Ratio Lower Upper
 117 100
 201 65.0 32.5 97.5





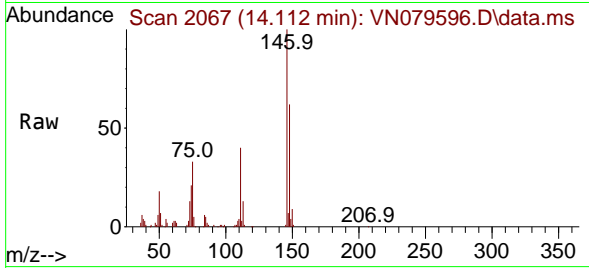
#87
 1,2-Dichlorobenzene
 Concen: 23.178 ug/l
 RT: 14.112 min Scan# 2067
 Delta R.T. 0.000 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28

Instrument :

MSVOA_N

Client Sample Id :

VN1018WBS01



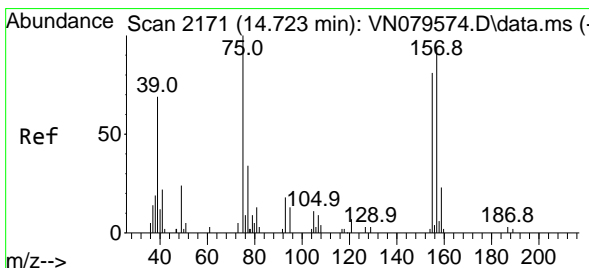
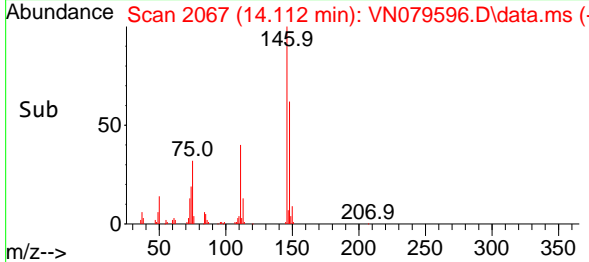
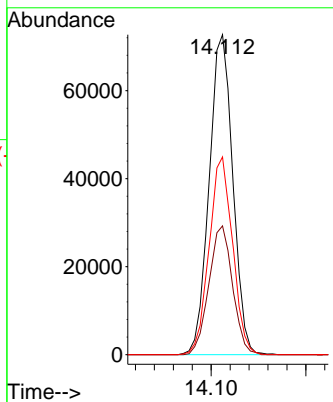
Tgt Ion: 146 Resp: 126034
 Ion Ratio Lower Upper
 146 100
 111 40.3 22.0 66.0
 148 61.4 31.1 93.5

Manual Integrations
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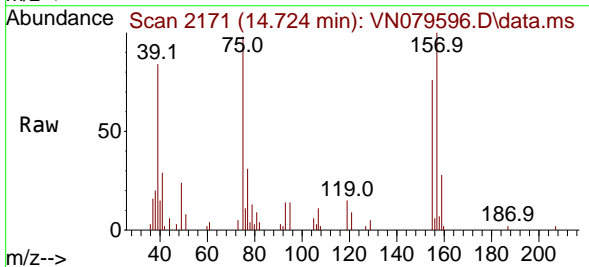
Reviewed By :John
 Carlone

10/19/2023
 Supervised By :Mahesh
 Dadoda

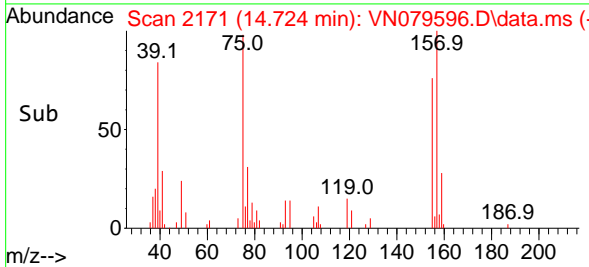
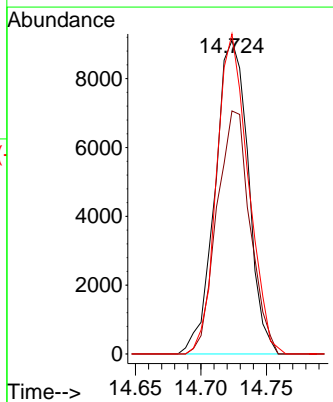
10/20/2023

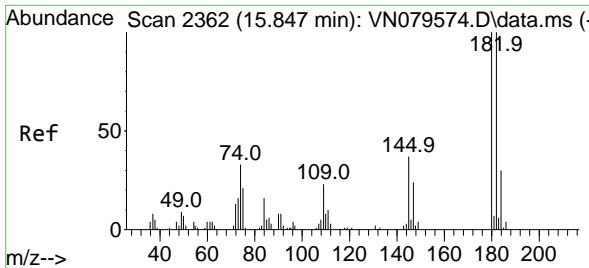


#88
 1,2-Dibromo-3-Chloropropane
 Concen: 20.844 ug/l
 RT: 14.724 min Scan# 2171
 Delta R.T. 0.000 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28



Tgt Ion: 75 Resp: 15994
 Ion Ratio Lower Upper
 75 100
 155 77.8 60.7 91.1
 157 97.4 76.8 115.2





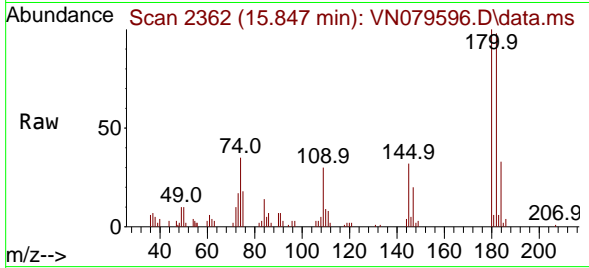
#89
 1,2,4-Trichlorobenzene
 Concen: 19.321 ug/l
 RT: 15.847 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28

Instrument :

MSVOA_N

ClientSampleId :

VN1018WBS01



Tgt Ion:180 Resp: 3703
 Ion Ratio Lower Upper
 180 100
 182 98.1 74.2 111.4
 145 32.3 25.4 38.2

Manual Integrations

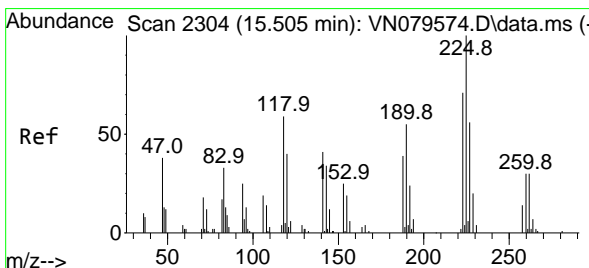
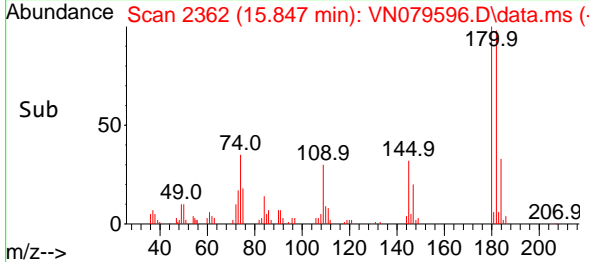
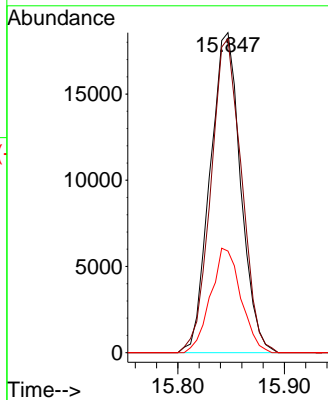
APPROVED

Reviewed By :John
 Carlone

10/19/2023

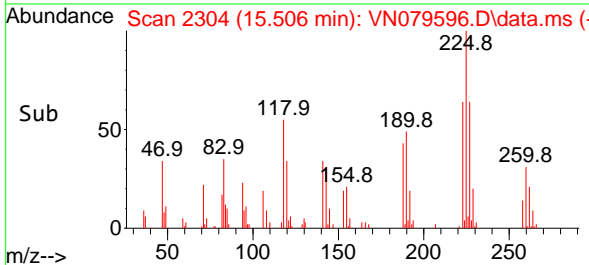
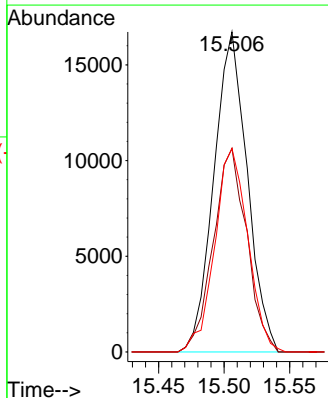
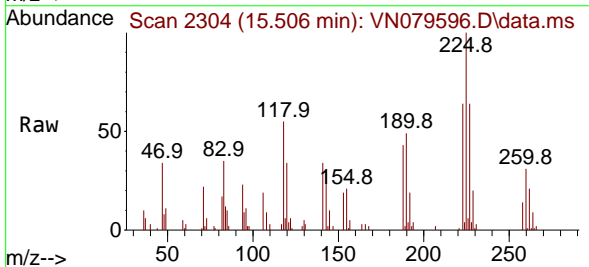
Supervised By :Mahesh
 Dadoda

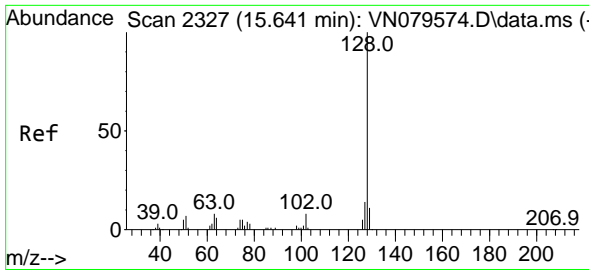
10/20/2023



#90
 Hexachlorobutadiene
 Concen: 21.799 ug/l
 RT: 15.506 min Scan# 2304
 Delta R.T. 0.000 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28

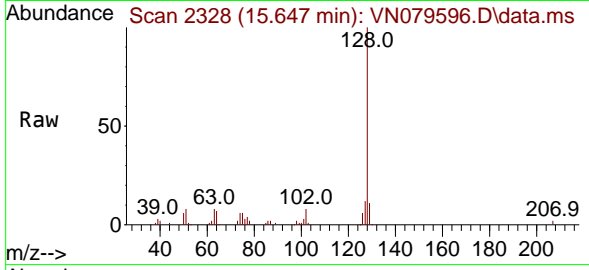
Tgt Ion:225 Resp: 29594
 Ion Ratio Lower Upper
 225 100
 223 63.7 0.0 126.0
 227 63.0 0.0 127.0





#91
 Naphthalene
 Concen: 16.100 ug/l
 RT: 15.647 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28

Instrument : MSVOA_N
 ClientSampleId : VN1018WBS01



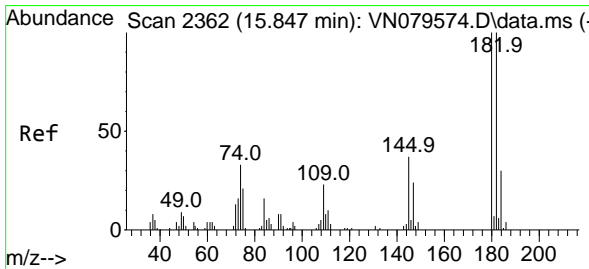
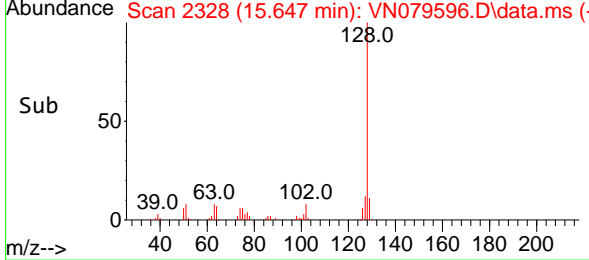
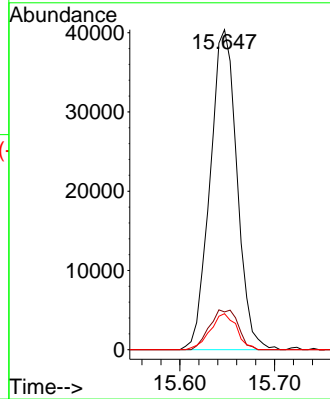
Tgt Ion:128 Resp: 79600
 Ion Ratio Lower Upper
 128 100
 127 13.3 10.9 16.3
 129 11.1 8.6 12.8

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

10/19/2023
 Supervised By :Mahesh
 Dadoda

10/20/2023



#92
 1,2,3-Trichlorobenzene
 Concen: 19.321 ug/l
 RT: 15.847 min Scan# 2362
 Delta R.T. 0.000 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28

Tgt Ion:180 Resp: 37031
 Ion Ratio Lower Upper
 180 100
 182 98.1 0.0 185.6
 145 32.3 0.0 63.6

