

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072425\
 Data File : VN087408.D
 Acq On : 24 Jul 2025 09:13
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone
 07/25/2025

Supervised By :Mahesh
 Dadoda
 07/25/2025

Quant Time: Jul 25 04:50:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072325W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 24 05:11:26 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	Qvalue
Internal Standards							
1) Bromochloromethane	7.800	128	26796	30.000	ug/l	0.00	
28) 1,4-Difluorobenzene	9.083	114	129996	30.000	ug/l	0.00	
57) Chlorobenzene-d5	11.847	117	122075	30.000	ug/l	0.00	
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	8.559	65	68763	31.115	ug/l	0.00	
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.733%	
60) 4-Bromofluorobenzene	12.829	95	60349	29.632	ug/l	0.00	
Spiked Amount	30.000	Range	63 - 112	Recovery	=	98.767%	
63) Toluene-d8	10.547	98	166151	29.928	ug/l	0.00	
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.767%	
Target Compounds							
2) Dichlorodifluoromethane	2.142	85	33470	20.414	ug/l	92	
3) Chloromethane	2.383	50	32556	19.991	ug/l	95	
4) Vinyl Chloride	2.542	62	35224	19.625	ug/l #	88	
5) Bromomethane	2.983	94	23724m	21.360	ug/l		
6) Chloroethane	3.142	64	27611	20.017	ug/l	91	
7) Trichlorofluoromethane	3.512	101	62295	20.409	ug/l	94	
8) Diethyl Ether	3.959	74	24033	19.779	ug/l	96	
9) 1,1,2-Trichlorotrifluo...	4.371	101	32391	20.024	ug/l #	68	
10) 1,1-Dichloroethene	4.336	96	33256	19.802	ug/l #	87	
11) Methyl Iodide	4.577	142	20421	16.669	ug/l	80	
12) Methyl Acetate	5.018	43	43643	19.979	ug/l	98	
13) Acrolein	4.177	56	45396	114.311	ug/l	99	
14) Acrylonitrile	5.712	53	92123	92.346	ug/l	97	
15) Acetone	4.418	58	41262	117.155	ug/l	95	
16) Carbon Disulfide	4.706	76	84325	19.442	ug/l	99	
17) Allyl chloride	5.012	41	44450	19.321	ug/l	87	
18) Methylene Chloride	5.265	84	33544	19.735	ug/l #	84	
19) trans-1,2-Dichloroethene	5.777	96	31172	18.900	ug/l	98	
20) Diisopropyl ether	6.665	45	104968	18.043	ug/l	96	
21) 1,1-Dichloroethane	6.553	63	62326	20.058	ug/l	94	
22) cis-1,2-Dichloroethene	7.471	96	37504	19.413	ug/l	97	
23) tert-Butyl Alcohol	5.524	59	33696	98.556	ug/l #	100	
24) Methyl tert-Butyl Ether	5.789	73	104386	19.234	ug/l	99	
25) Chloroform	7.953	83	63970	18.797	ug/l	95	
26) Cyclohexane	8.241	56	40800	17.613	ug/l #	95	
29) 1,1-Dichloropropene	8.353	75	39802	17.946	ug/l	99	
30) 2-Butanone	7.471	43	138226	91.513	ug/l	99	
31) 2,2-Dichloropropane	7.471	77	57150	19.621	ug/l	99	
32) 1,1,1-Trichloroethane	8.153	97	56193	19.359	ug/l	98	
33) Carbon Tetrachloride	8.347	117	46566	18.466	ug/l	91	
34) Benzene	8.588	78	135901	18.972	ug/l	99	
35) Methacrylonitrile	7.765	41	27324	17.202	ug/l	90	
36) 1,2-Dichloroethane	8.653	62	54466	19.274	ug/l	100	
37) Trichloroethene	9.336	130	30972	18.947	ug/l	91	
38) Methylcyclohexane	9.583	83	41538	17.717	ug/l	100	
39) 1,2-Dichloropropane	9.606	63	33349	18.532	ug/l	90	
40) Dibromomethane	9.688	93	27148	19.499	ug/l	99	
41) Bromodichloromethane	9.871	83	52302	18.920	ug/l	91	
42) Vinyl Acetate	6.595	43	456154	89.150	ug/l	100	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
43) Ethyl Acetate	7.553	43	52375	17.033	ug/l	#	75
44) Isopropyl Acetate	8.677	43	88137	18.156	ug/l		98
45) 1,4-Dioxane	9.683	88	11567	386.743	ug/l	#	67
46) Methyl methacrylate	9.665	41	38319	17.141	ug/l		93
47) n-amyl Acetate	12.518	43	50857m	17.482	ug/l		
48) t-1,3-Dichloropropene	10.818	75	54764	18.571	ug/l		97
49) cis-1,3-Dichloropropene	10.294	75	54970	18.639	ug/l		96
50) 1,1,2-Trichloroethane	10.994	97	33899	18.853	ug/l		88
51) Ethyl methacrylate	10.859	69	47667	17.335	ug/l		95
52) 1,3-Dichloropropane	11.141	76	56142	18.160	ug/l		99
53) Dibromochloromethane	11.341	129	39226	18.613	ug/l		98
54) 1,2-Dibromoethane	11.447	107	34334	18.629	ug/l		99
55) 2-Chloroethyl vinyl ether	10.141	63	132479	86.608	ug/l		99
56) Bromoform	12.565	173	24683	16.468	ug/l	#	96
58) 4-Methyl-2-Pentanone	10.424	43	281209	94.206	ug/l		100
59) 2-Hexanone	11.182	43	185336	91.986	ug/l		99
61) Tetrachloroethene	11.082	164	27228	19.973	ug/l	#	87
62) Toluene	10.612	91	142921	19.224	ug/l		95
64) Chlorobenzene	11.871	112	87415	18.391	ug/l		91
65) 1,1,1,2-Tetrachloroethane	11.941	131	33330	19.189	ug/l		97
66) Ethyl Benzene	11.947	91	147102	18.276	ug/l		97
67) m/p-Xylenes	12.053	106	115816	36.360	ug/l		99
68) o-Xylene	12.376	106	55943	18.309	ug/l		99
69) Styrene	12.394	104	94024	17.687	ug/l		97
70) Isopropylbenzene	12.676	105	138372	17.981	ug/l		97
71) 1,1,2,2-Tetrachloroethane	12.918	83	50971	18.829	ug/l		97
72) 1,2,3-Trichloropropane	12.971	75	43446m	17.965	ug/l		
73) Bromobenzene	12.959	156	36932	18.439	ug/l		97
74) n-propylbenzene	13.018	91	173189	17.822	ug/l		97
75) 2-Chlorotoluene	13.106	91	102359	17.538	ug/l		99
76) 1,3,5-Trimethylbenzene	13.153	105	120006	17.929	ug/l		99
77) t-1,4-Dichloro-2-butene	12.724	75	15361	15.893	ug/l		95
78) 4-Chlorotoluene	13.200	91	112080	18.005	ug/l		98
79) tert-butylbenzene	13.418	119	100347	17.652	ug/l		99
80) 1,2,4-Trimethylbenzene	13.459	105	122251	17.891	ug/l		100
81) sec-Butylbenzene	13.594	105	148791	18.136	ug/l		99
82) p-Isopropyltoluene	13.706	119	123715	17.570	ug/l		96
83) 1,3-Dichlorobenzene	13.712	146	73172	18.131	ug/l		99
84) 1,4-Dichlorobenzene	13.788	146	71813	18.028	ug/l		97
85) n-Butylbenzene	14.035	91	112446	17.339	ug/l		99
86) Hexachloroethane	14.312	117	25034	18.270	ug/l		100
87) 1,2-Dichlorobenzene	14.082	146	67374	17.731	ug/l		97
88) 1,2-Dibromo-3-Chloropr...	14.700	75	10795	17.139	ug/l		94
89) 1,2,4-Trichlorobenzene	15.812	180	39293	17.926	ug/l		97
90) Hexachlorobutadiene	15.476	225	15620	17.277	ug/l		91
91) Naphthalene	15.617	128	123107	16.874	ug/l		99
92) 1,2,3-Trichlorobenzene	15.812	180	39293	17.926	ug/l		97

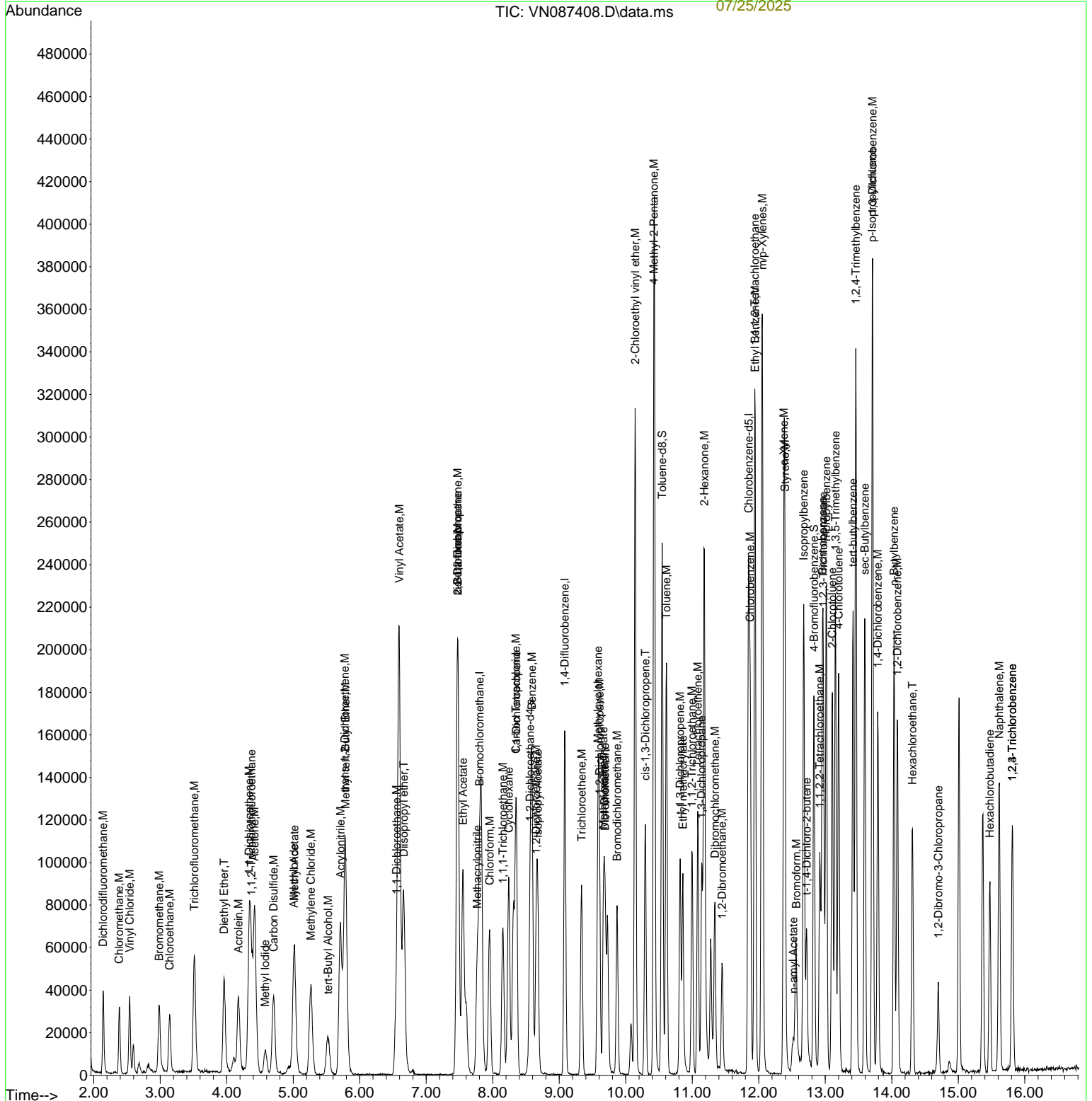
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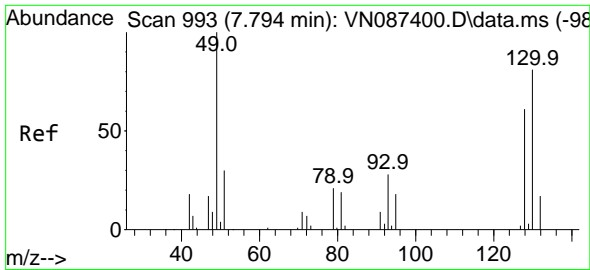
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 Dadoda
 07/25/2025





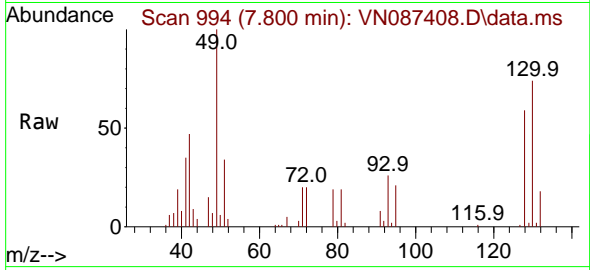
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 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.800 min Scan# 994
 Delta R.T. 0.006 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDC020



Tgt Ion:128 Resp: 26790
 Ion Ratio Lower Upper
 128 100
 49 177.1 0.0 446.2
 130 126.7 0.0 331.0

Manual Integrations

APPROVED

Reviewed By :John

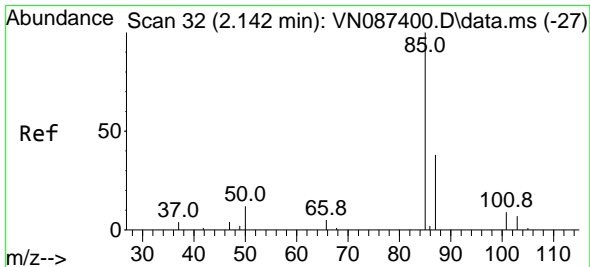
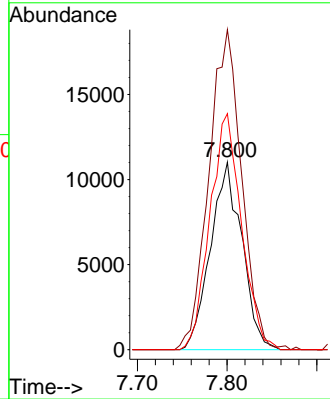
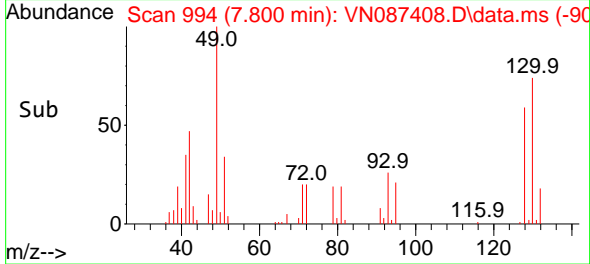
Carlone

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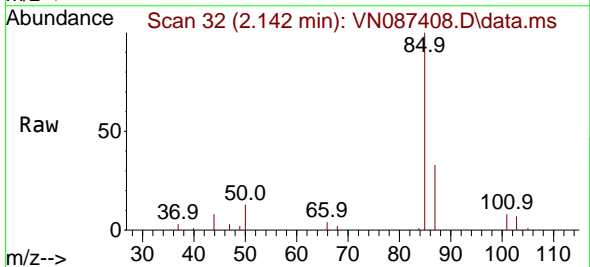
Supervised By :Mahesh

Dadoda

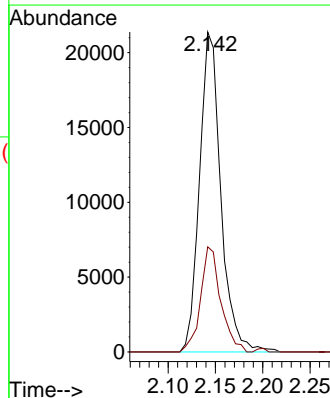
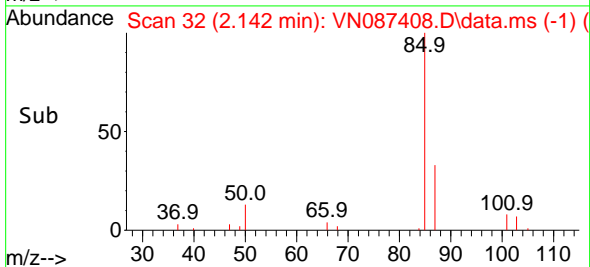
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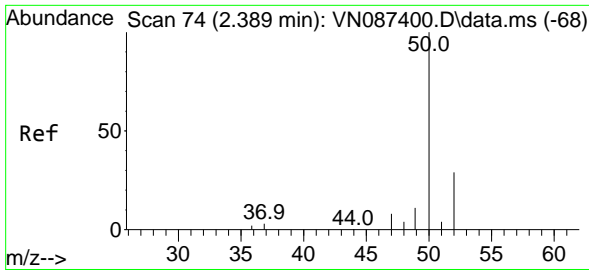


#2
 Dichlorodifluoromethane
 Concen: 20.414 ug/l
 RT: 2.142 min Scan# 32
 Delta R.T. 0.000 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13



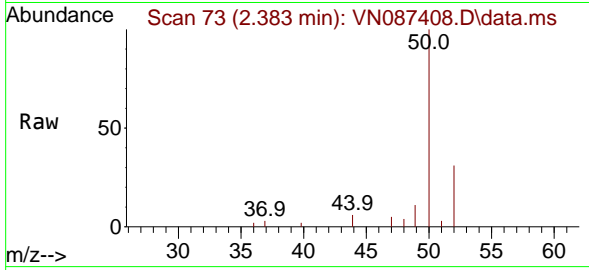
Tgt Ion: 85 Resp: 33470
 Ion Ratio Lower Upper
 85 100
 87 32.9 18.9 56.9





#3
 Chloromethane
 Concen: 19.991 ug/l
 RT: 2.383 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

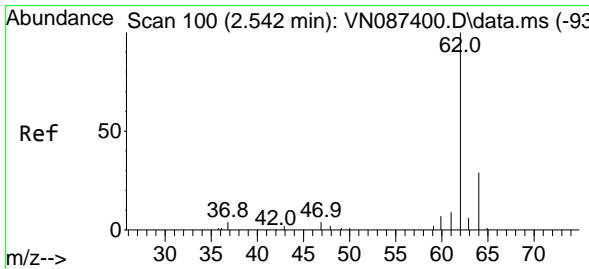
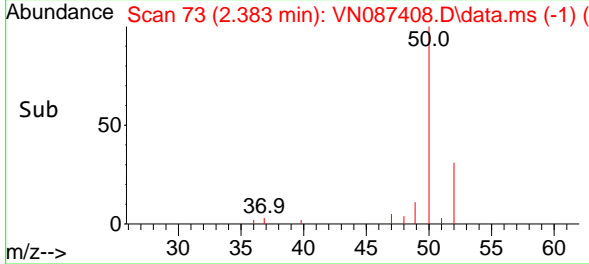
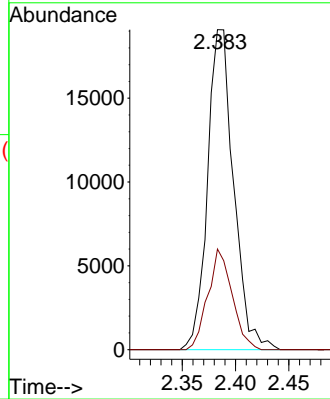


Tgt Ion: 50 Resp: 32550
 Ion Ratio Lower Upper
 50 100
 52 31.4 23.2 34.8

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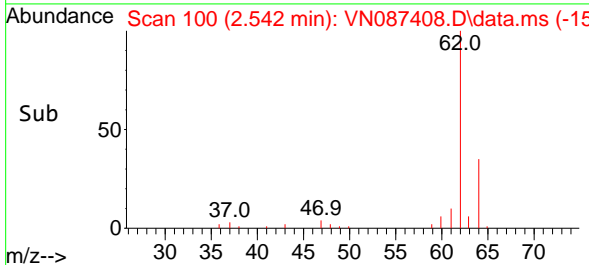
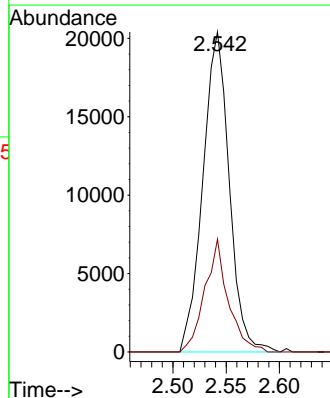
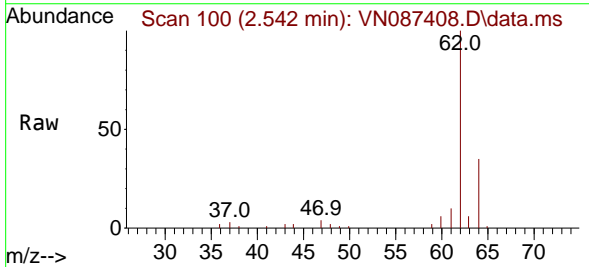
Reviewed By :John
 Carlone
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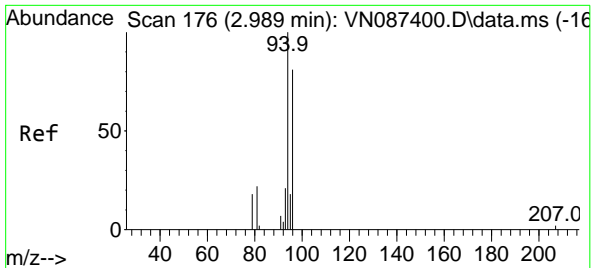
Supervised By :Mahesh
 Dadoda
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#4
 Vinyl Chloride
 Concen: 19.625 ug/l
 RT: 2.542 min Scan# 100
 Delta R.T. 0.000 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13

Tgt Ion: 62 Resp: 35224
 Ion Ratio Lower Upper
 62 100
 64 35.3 23.2 34.8#





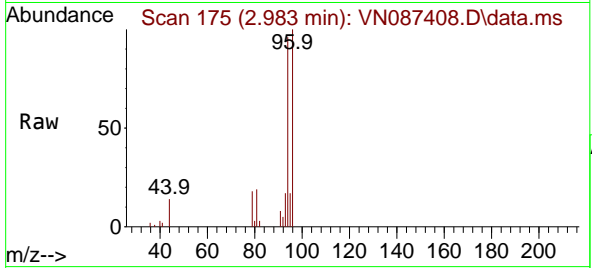
#5
 Bromomethane
 Concen: 21.360 ug/l m
 RT: 2.983 min Scan# 175
 Delta R.T. -0.006 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13

Instrument :

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VSTDCCC020

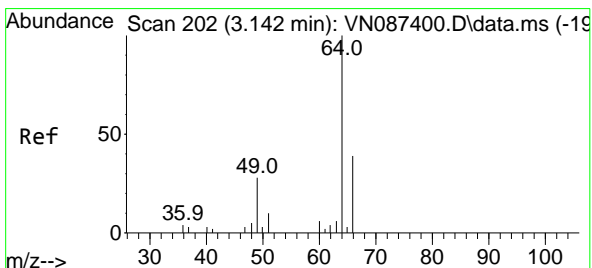
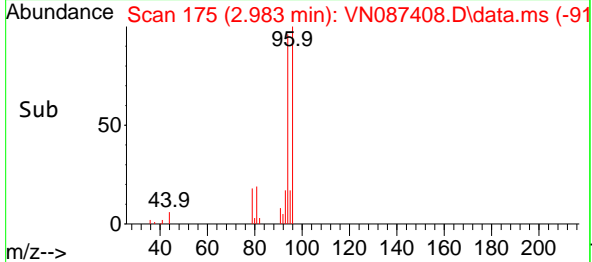
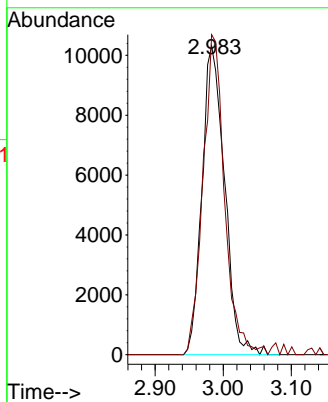


Tgt Ion: 94 Resp: 23724
 Ion Ratio Lower Upper
 94 100
 96 103.6 64.6 96.8

Manual Integrations
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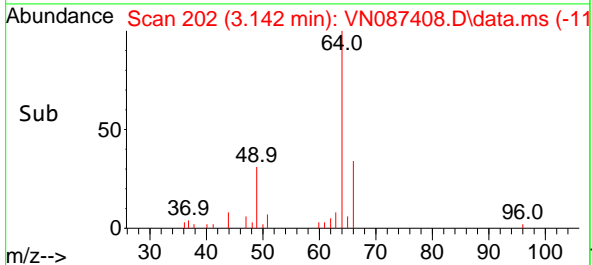
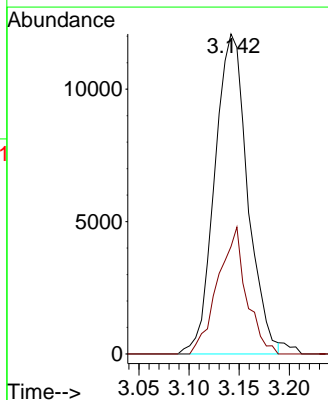
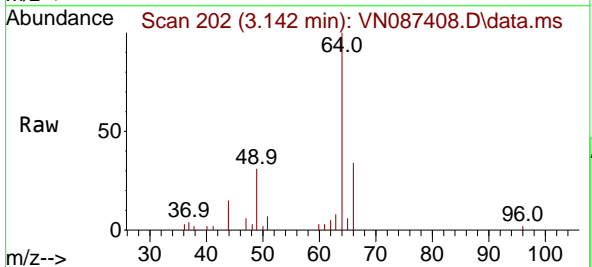
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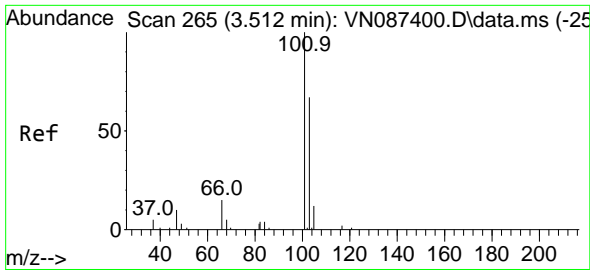
Supervised By :Mahesh
 Dadoda
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#6
 Chloroethane
 Concen: 20.017 ug/l
 RT: 3.142 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VN087408.D
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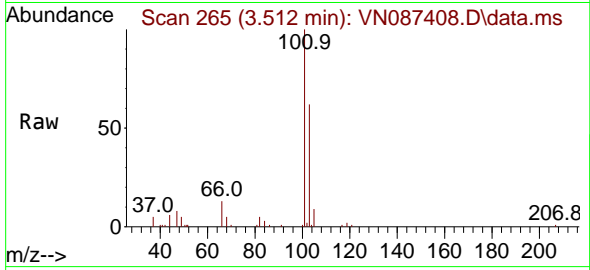
Tgt Ion: 64 Resp: 27611
 Ion Ratio Lower Upper
 64 100
 66 33.5 31.4 47.2





#7
 Trichlorofluoromethane
 Concen: 20.409 ug/l
 RT: 3.512 min Scan# 201
 Delta R.T. 0.000 min
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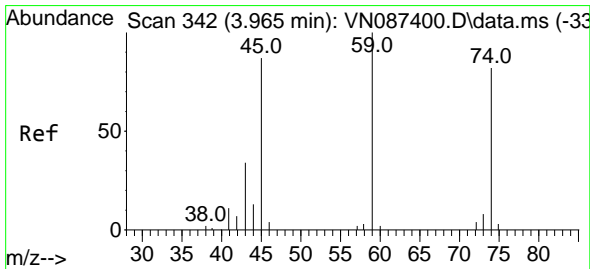
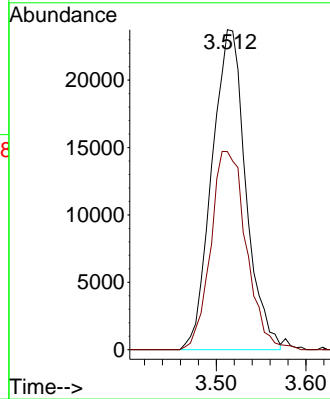
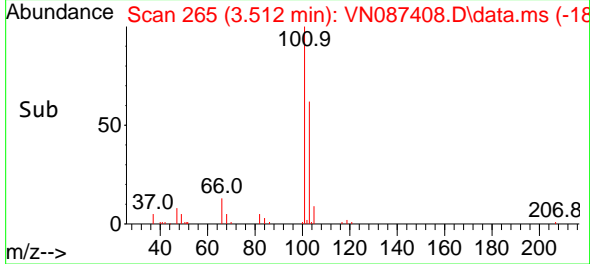


Tgt Ion: 101 Resp: 6229
 Ion Ratio Lower Upper
 101 100
 103 61.9 53.7 80.5

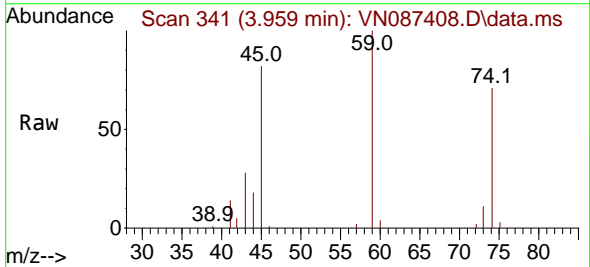
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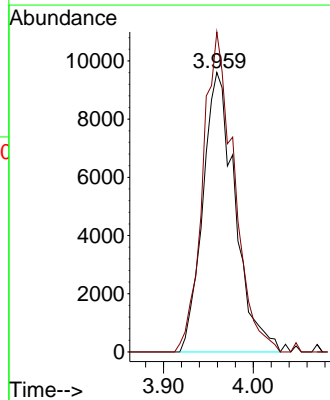
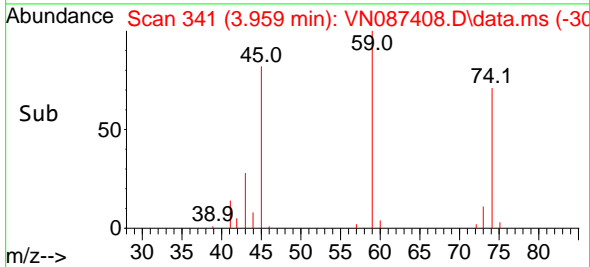
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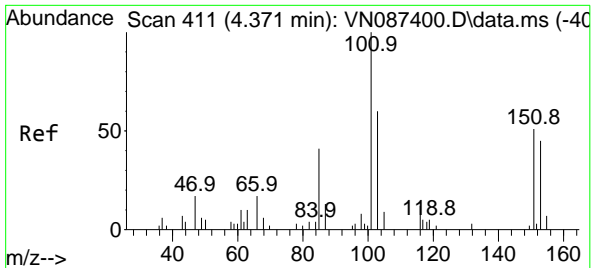


#8
 Diethyl Ether
 Concen: 19.779 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 24033
 Ion Ratio Lower Upper
 74 100
 45 110.8 21.4 192.8





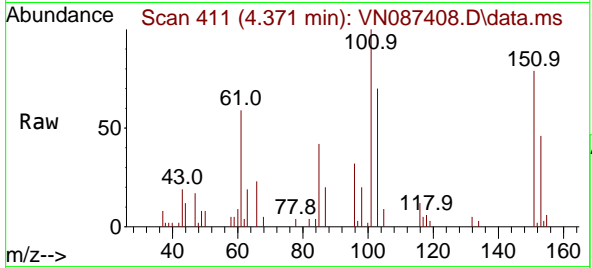
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.024 ug/l
 RT: 4.371 min Scan# 411
 Delta R.T. 0.000 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13

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VSTDC020



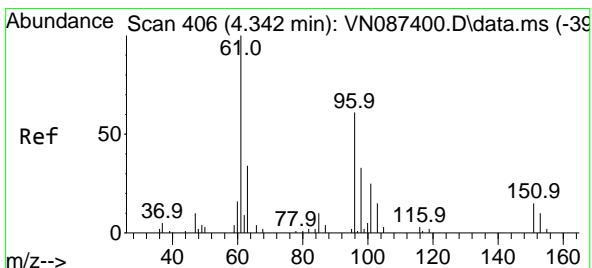
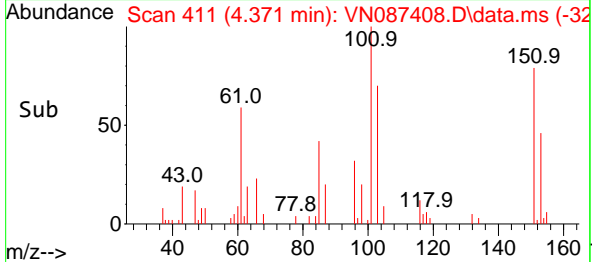
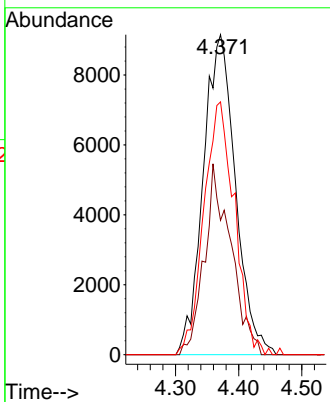
Tgt Ion: 101 Resp: 3239

Ion	Ratio	Lower	Upper
101	100		
85	49.3	0.0	94.8
151	74.0	0.0	64.8

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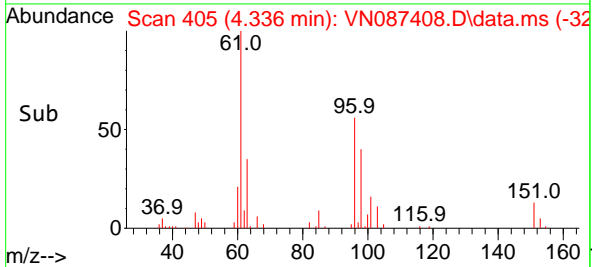
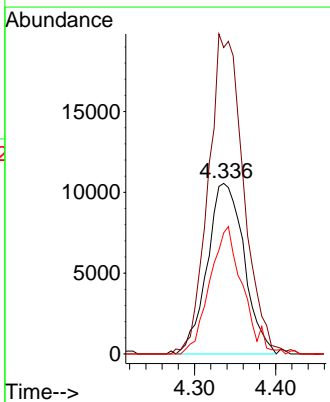
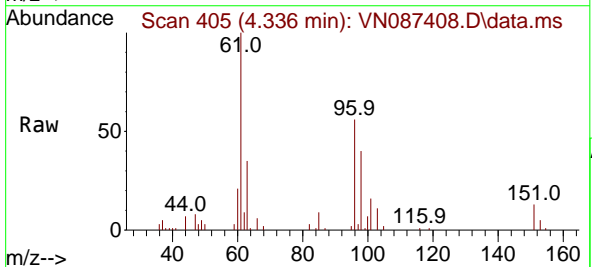
Supervised By :Mahesh
 Dadoda
 07/25/2025

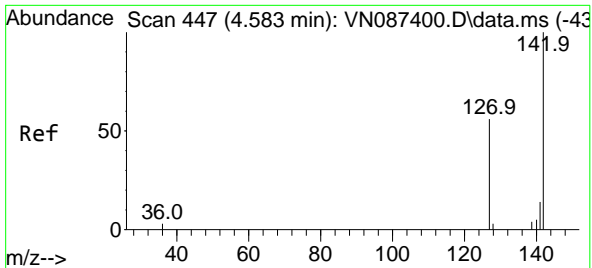


#10
 1,1-Dichloroethene
 Concen: 19.802 ug/l
 RT: 4.336 min Scan# 405
 Delta R.T. -0.006 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13

Tgt Ion: 96 Resp: 33256

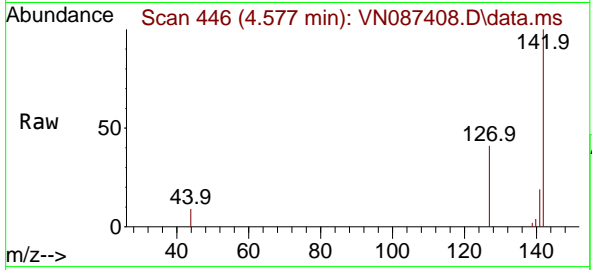
Ion	Ratio	Lower	Upper
96	100		
61	176.7	131.8	197.8
98	71.0	43.0	64.4





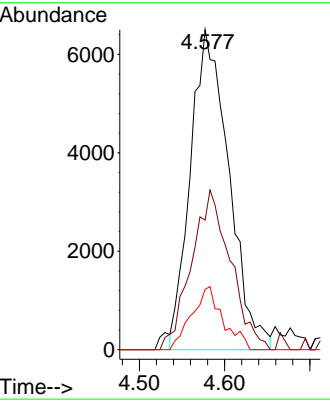
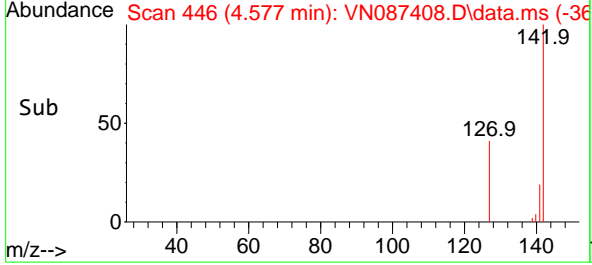
#11
 Methyl Iodide
 Concen: 16.669 ug/l
 RT: 4.577 min Scan# 446
 Delta R.T. -0.006 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13

Instrument : MSVOA_N
 Client Sample Id : VSTDCCC020

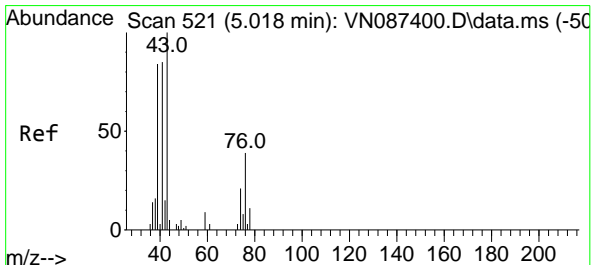


Tgt Ion: 142 Resp: 2042
 Ion Ratio Lower Upper
 142 100
 127 39.8 27.7 83.0
 141 19.7 7.2 21.6

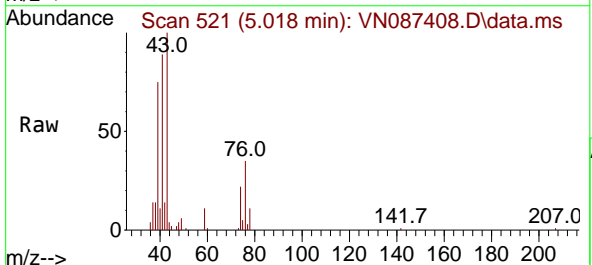
Manual Integrations
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 Reviewed By : John
 Carlone
 07/25/2025



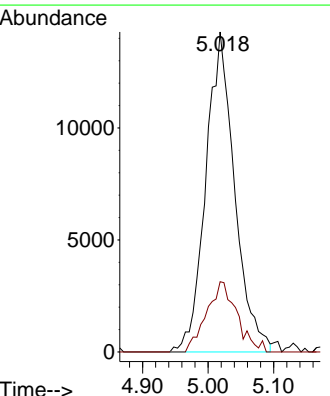
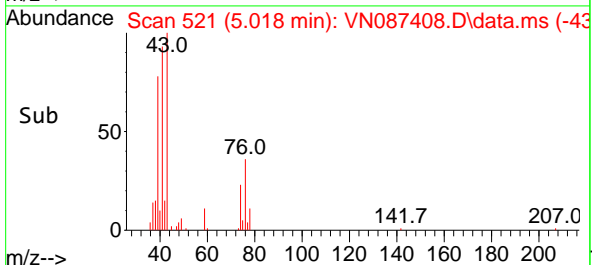
Supervised By : Mahesh
 Dadoda
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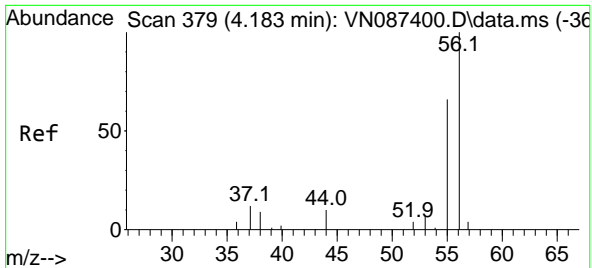


#12
 Methyl Acetate
 Concen: 19.979 ug/l
 RT: 5.018 min Scan# 521
 Delta R.T. 0.000 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13



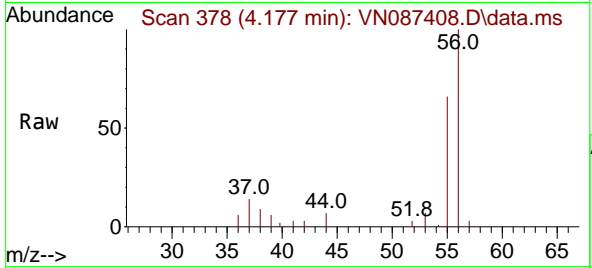
Tgt Ion: 43 Resp: 43643
 Ion Ratio Lower Upper
 43 100
 74 22.2 16.9 25.3





#13
 Acrolein
 Concen: 114.311 ug/l
 RT: 4.177 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

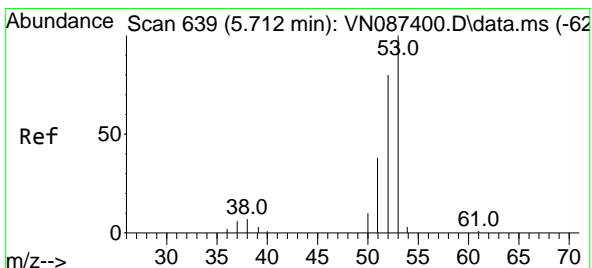
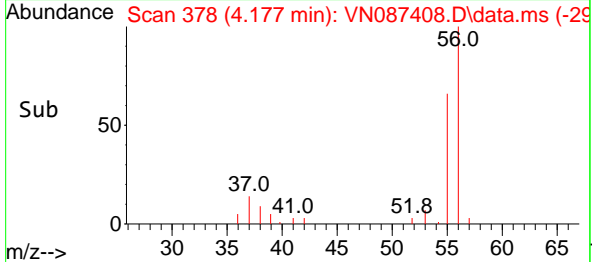
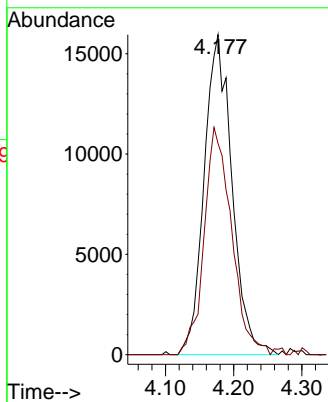


Tgt Ion: 56 Resp: 45390
 Ion Ratio Lower Upper
 56 100
 55 69.9 56.8 85.2

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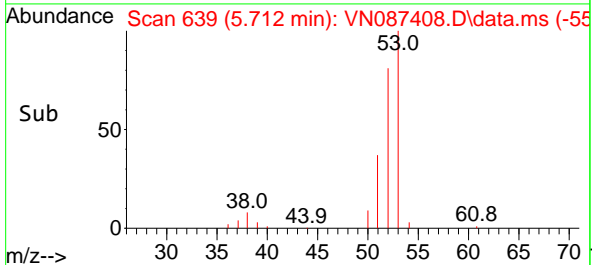
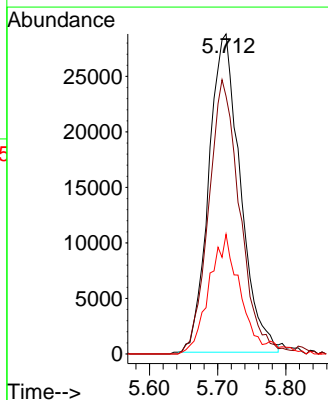
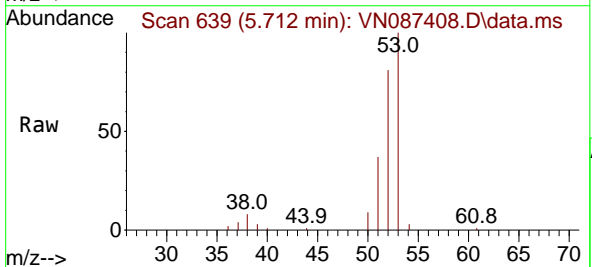
Reviewed By :John
 Carlone
 07/25/2025

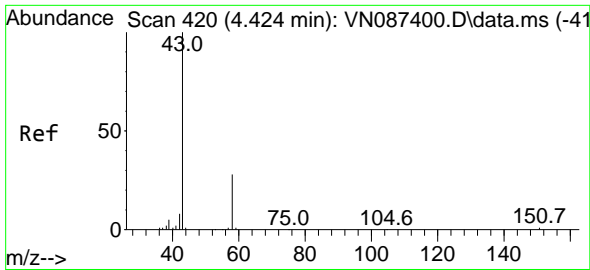
Supervised By :Mahesh
 Dadoda
 07/25/2025



#14
 Acrylonitrile
 Concen: 92.346 ug/l
 RT: 5.712 min Scan# 639
 Delta R.T. 0.000 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13

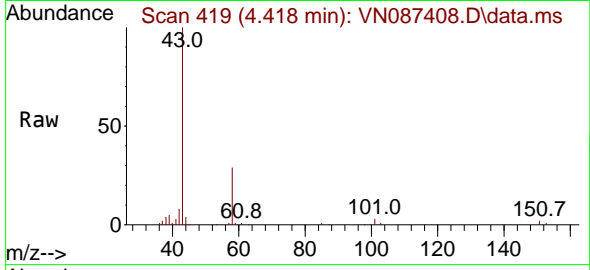
Tgt Ion: 53 Resp: 92123
 Ion Ratio Lower Upper
 53 100
 52 85.7 41.5 124.6
 51 36.4 19.4 58.4





#15
 Acetone
 Concen: 117.155 ug/l
 RT: 4.418 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13

Instrument : MSVOA_N
 ClientSampleId : VSTDCCC020

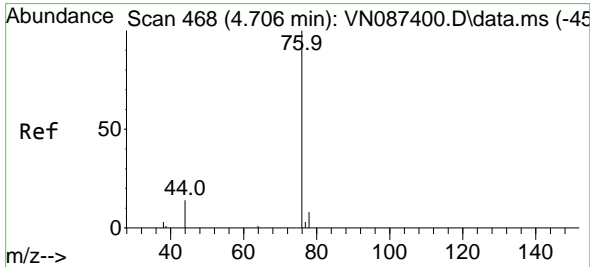
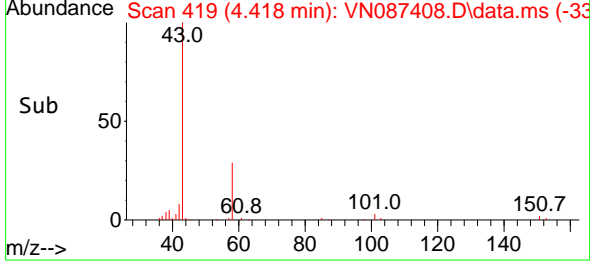
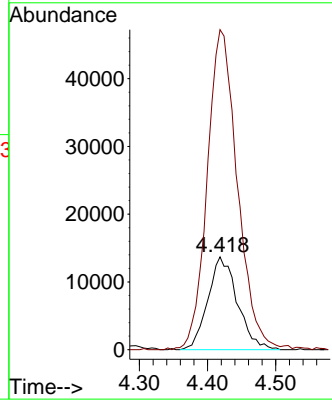


Tgt Ion: 58 Resp: 4126
 Ion Ratio Lower Upper
 58 100
 43 342.8 283.4 425.0

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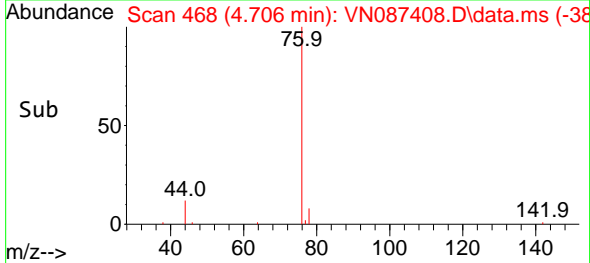
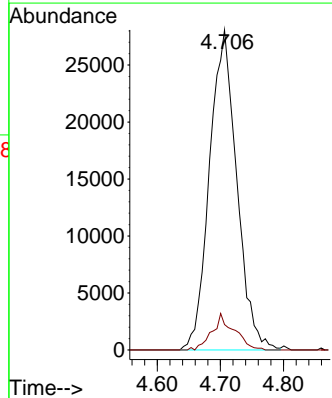
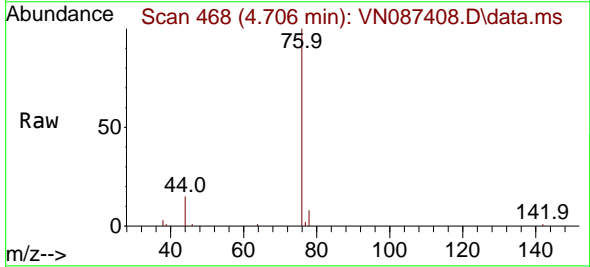
Reviewed By :John
 Carlone
 07/25/2025

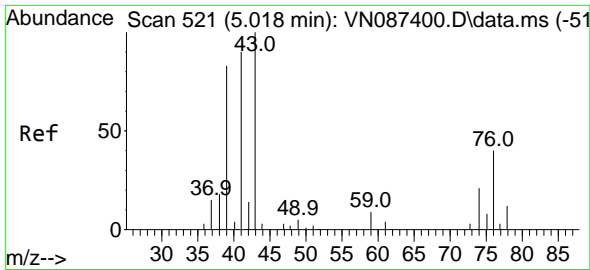
Supervised By :Mahesh
 Dadoda
 07/25/2025



#16
 Carbon Disulfide
 Concen: 19.442 ug/l
 RT: 4.706 min Scan# 468
 Delta R.T. 0.000 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13

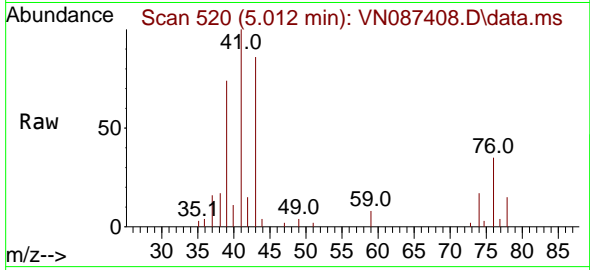
Tgt Ion: 76 Resp: 84325
 Ion Ratio Lower Upper
 76 100
 78 8.0 6.6 10.0





#17
 Allyl chloride
 Concen: 19.321 ug/l
 RT: 5.012 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020



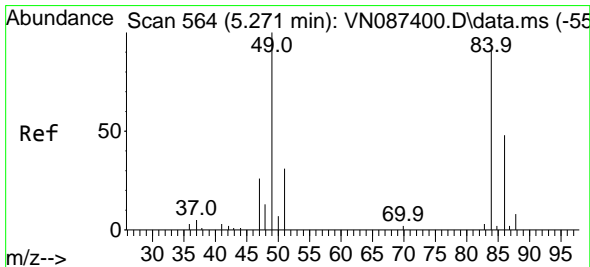
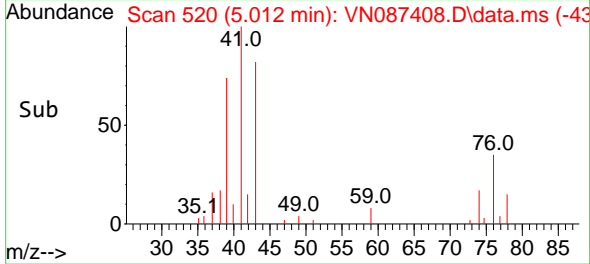
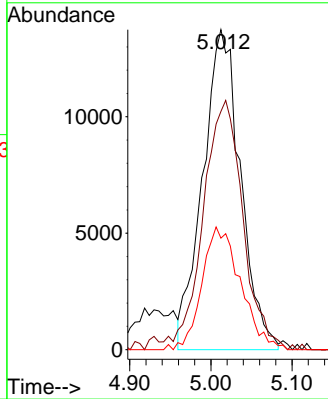
Tgt Ion: 41 Resp: 44450

Ion	Ratio	Lower	Upper
41	100		
39	72.7	42.9	128.7
76	34.2	19.8	59.4

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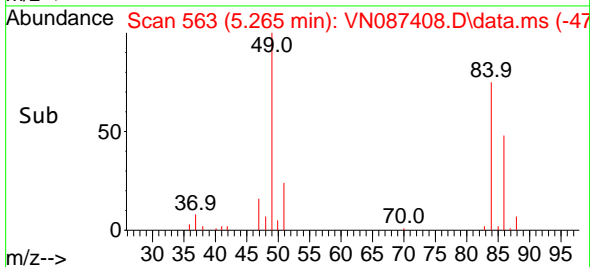
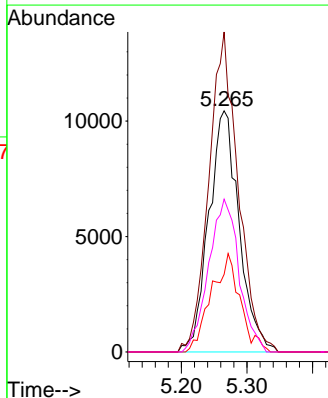
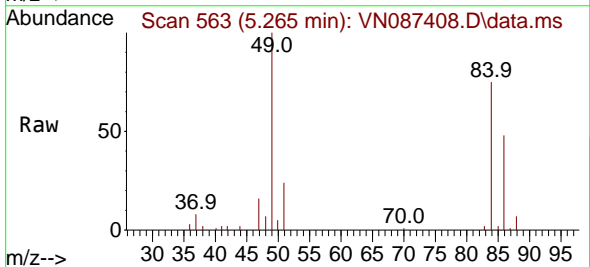
Supervised By :Mahesh
 Dadoda
 07/25/2025

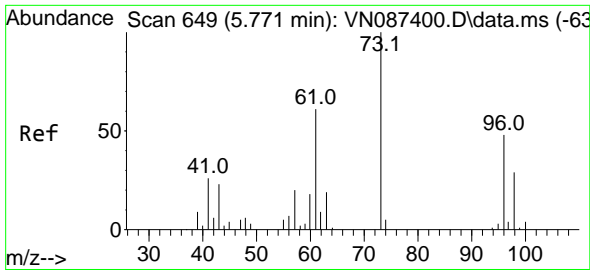


#18
 Methylene Chloride
 Concen: 19.735 ug/l
 RT: 5.265 min Scan# 563
 Delta R.T. -0.006 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13

Tgt Ion: 84 Resp: 33544

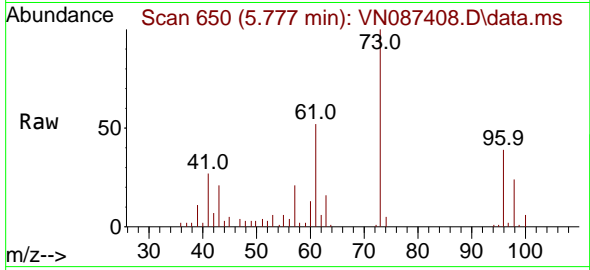
Ion	Ratio	Lower	Upper
84	100		
49	132.8	88.4	132.6#
51	32.2	27.3	40.9
86	63.4	42.2	63.4#





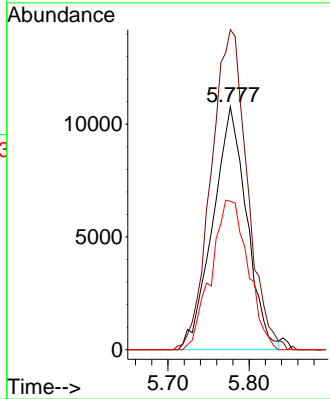
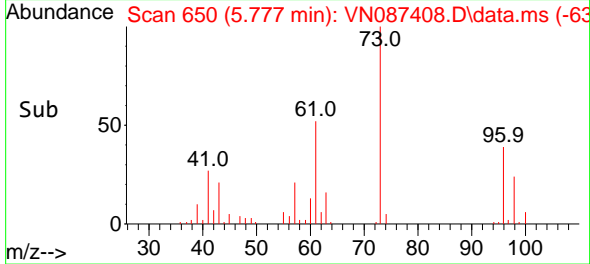
#19
 trans-1,2-Dichloroethene
 Concen: 18.900 ug/l
 RT: 5.777 min Scan# 649
 Delta R.T. 0.006 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13

Instrument : MSVOA_N
 Client Sample Id : VSTDC020

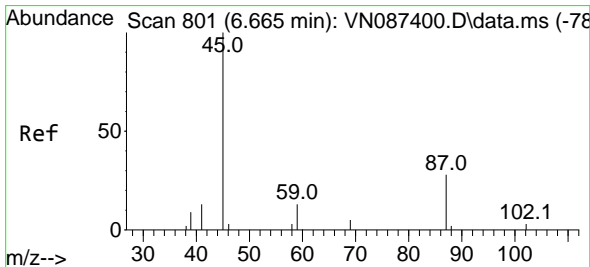


Tgt Ion: 96 Resp: 31172
 Ion Ratio Lower Upper
 96 100
 61 130.2 101.7 152.5
 98 61.1 48.2 72.4

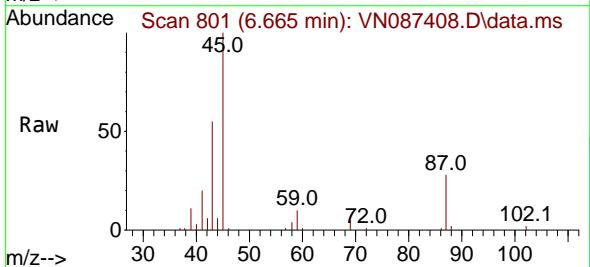
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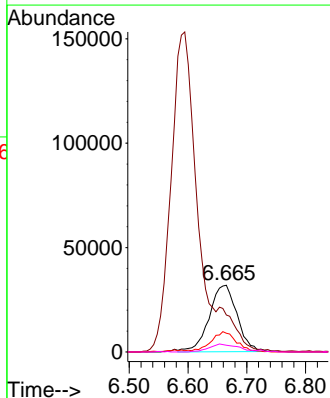
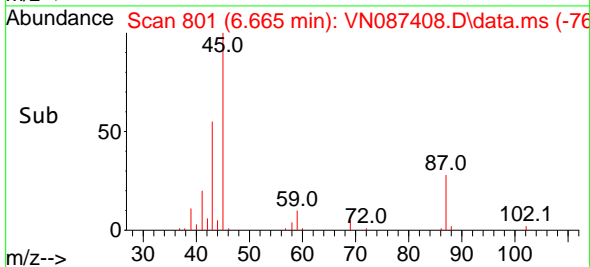
Supervised By :Mahesh
 Dadoda
 07/25/2025

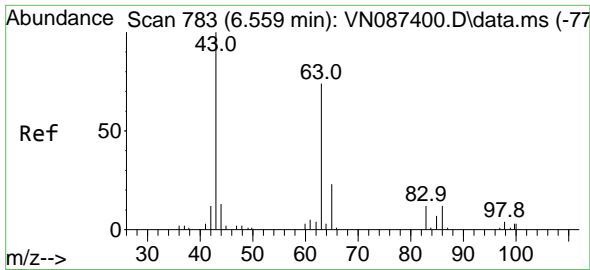


#20
 Diisopropyl ether
 Concen: 18.043 ug/l
 RT: 6.665 min Scan# 801
 Delta R.T. 0.000 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13



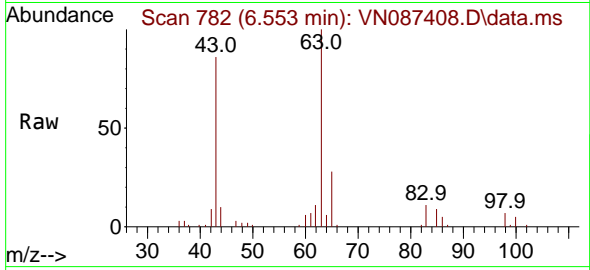
Tgt Ion: 45 Resp: 104968
 Ion Ratio Lower Upper
 45 100
 43 53.9 46.0 69.0
 87 28.3 23.4 35.2
 59 10.1 9.8 14.6





#21
 1,1-Dichloroethane
 Concen: 20.058 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. -0.006 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13

Instrument :
 MSVOA_N
 Client Sample Id :
 VSTDCCC020

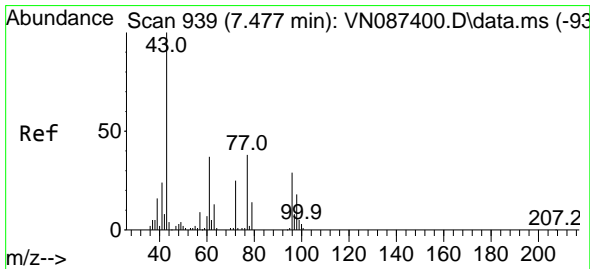
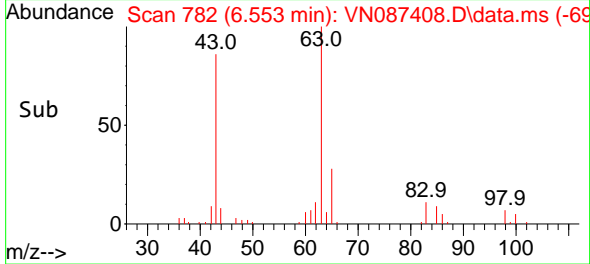
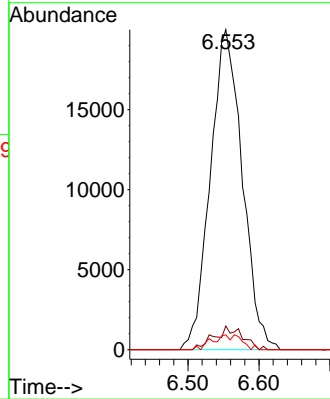


Tgt Ion: 63 Resp: 62320
 Ion Ratio Lower Upper
 63 100
 98 7.4 2.9 8.6
 100 4.7 3.6 10.8

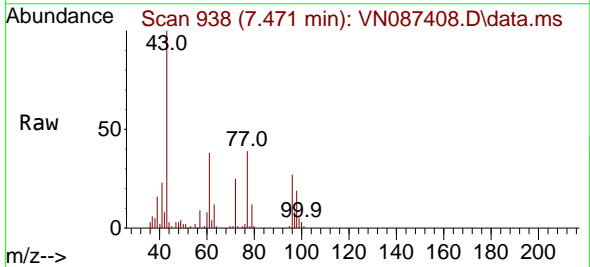
Manual Integrations
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 07/25/2025

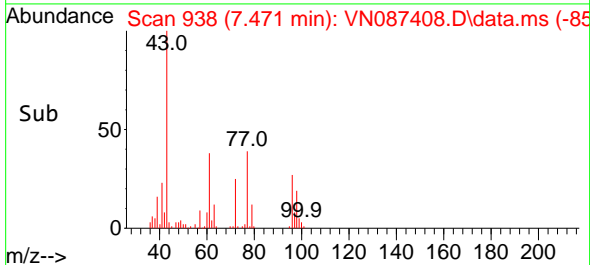
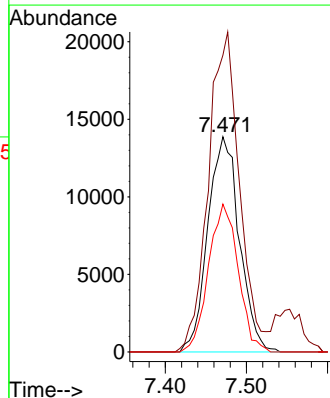
Supervised By :Mahesh
 Dadoda
 07/25/2025

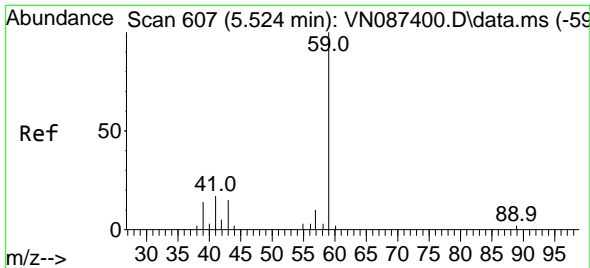


#22
 cis-1,2-Dichloroethene
 Concen: 19.413 ug/l
 RT: 7.471 min Scan# 938
 Delta R.T. -0.006 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13



Tgt Ion: 96 Resp: 37504
 Ion Ratio Lower Upper
 96 100
 61 146.4 120.4 180.6
 98 64.6 54.0 81.0





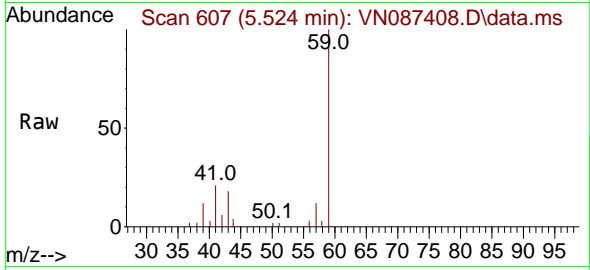
#23
 tert-Butyl Alcohol
 Concen: 98.556 ug/l
 RT: 5.524 min Scan# 607
 Delta R.T. 0.000 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDC020



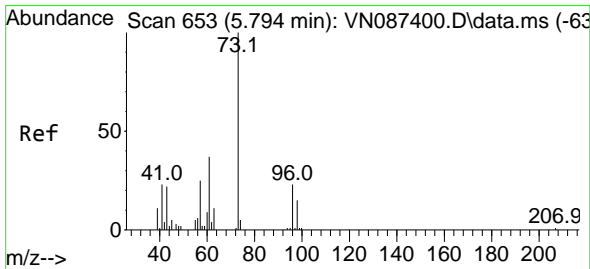
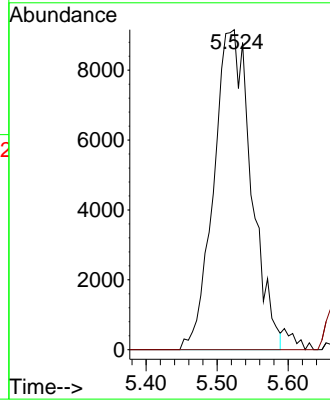
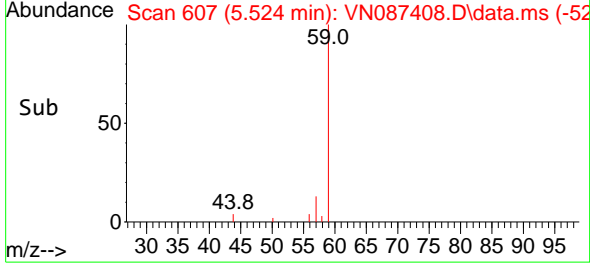
Tgt Ion: 59 Resp: 33690
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0

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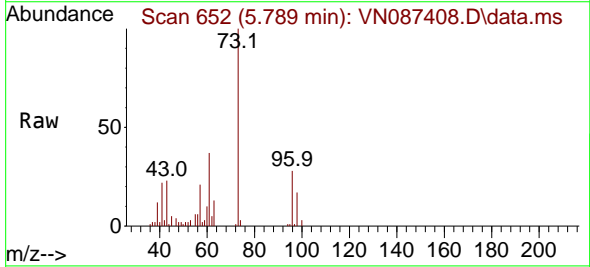
APPROVED

Reviewed By :John
 Carlone
 07/25/2025

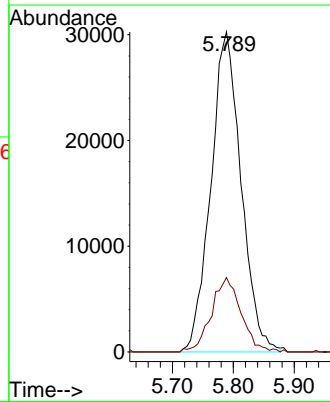
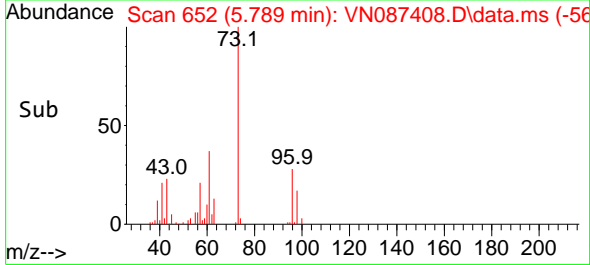
Supervised By :Mahesh
 Dadoda
 07/25/2025

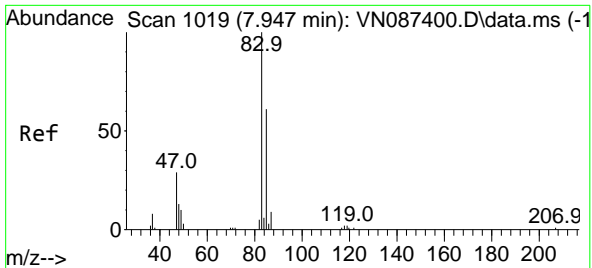


#24
 Methyl tert-Butyl Ether
 Concen: 19.234 ug/l
 RT: 5.789 min Scan# 652
 Delta R.T. -0.006 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13



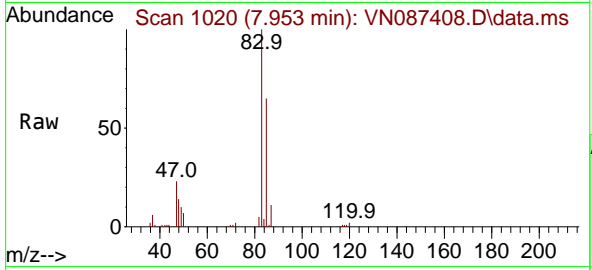
Tgt Ion: 73 Resp: 104386
 Ion Ratio Lower Upper
 73 100
 43 22.5 17.7 26.5





#25
 Chloroform
 Concen: 18.797 ug/l
 RT: 7.953 min Scan# 1020
 Delta R.T. 0.006 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13

Instrument : MSVOA_N
 Client Sample Id : VSTDC020

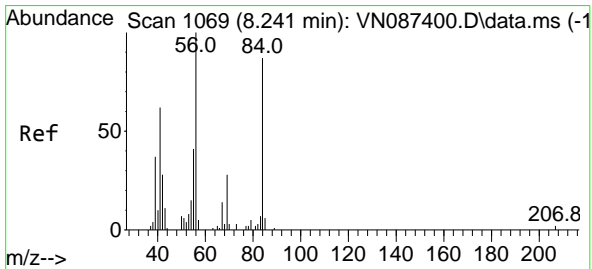
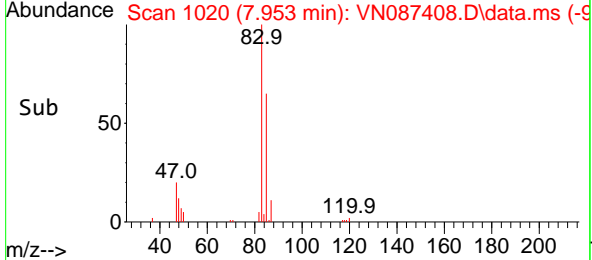
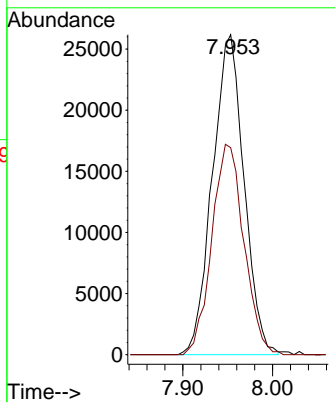


Tgt Ion: 83 Resp: 63970
 Ion Ratio Lower Upper
 83 100
 85 64.7 48.6 73.0

Manual Integrations
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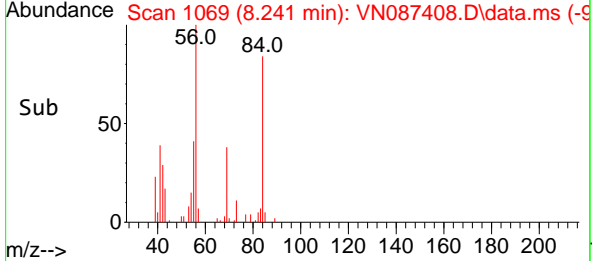
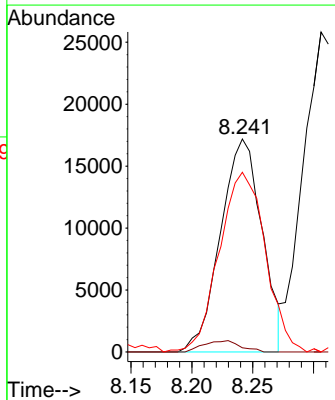
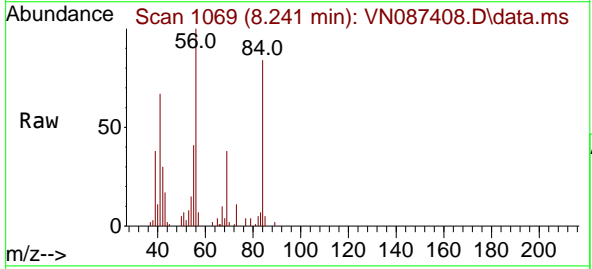
Reviewed By : John
 Carlone
 07/25/2025

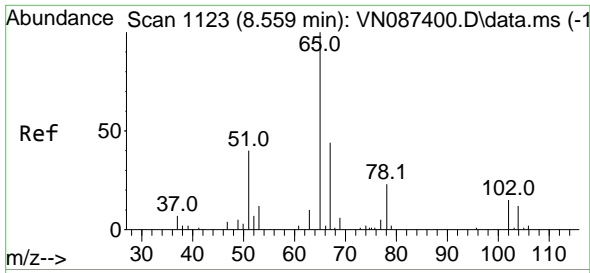
Supervised By : Mahesh
 Dadoda
 07/25/2025



#26
 Cyclohexane
 Concen: 17.613 ug/l
 RT: 8.241 min Scan# 1069
 Delta R.T. 0.000 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13

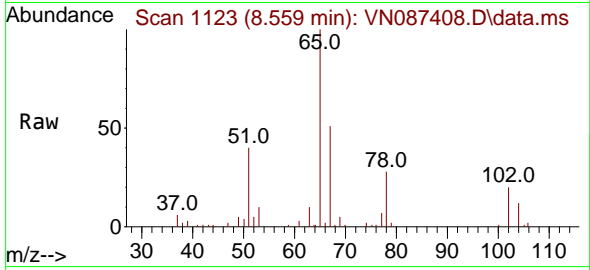
Tgt Ion: 56 Resp: 40800
 Ion Ratio Lower Upper
 56 100
 89 4.7 1.5 2.3#
 84 93.4 71.2 106.8





#27
 1,2-Dichloroethane-d4
 Concen: 31.115 ug/l
 RT: 8.559 min Scan# 1123
 Delta R.T. 0.000 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13

Instrument : MSVOA_N
 ClientSampleId : VSTDCCC020

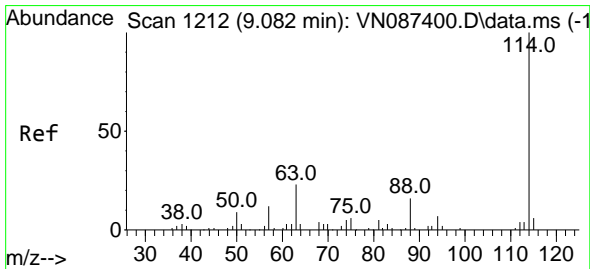
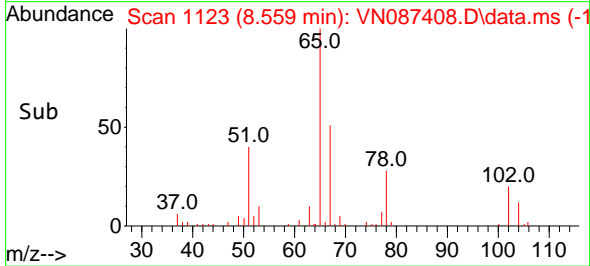
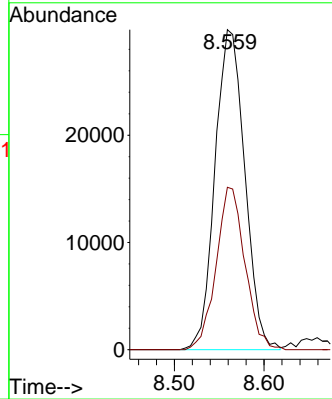


Tgt Ion: 65 Resp: 6876
 Ion Ratio Lower Upper
 65 100
 67 49.0 40.2 60.4

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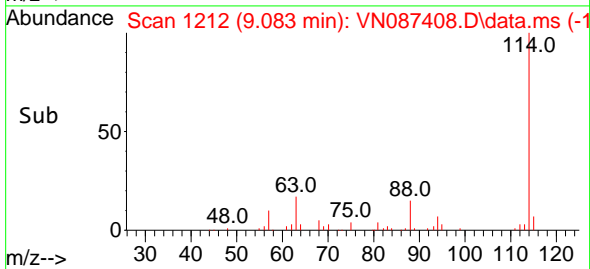
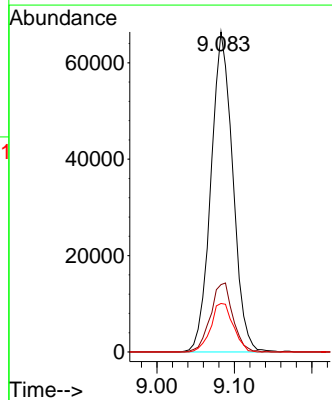
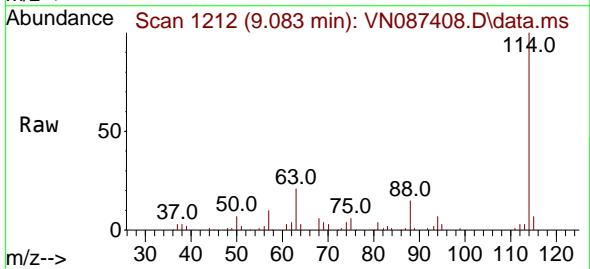
Reviewed By :John
 Carlone
 07/25/2025

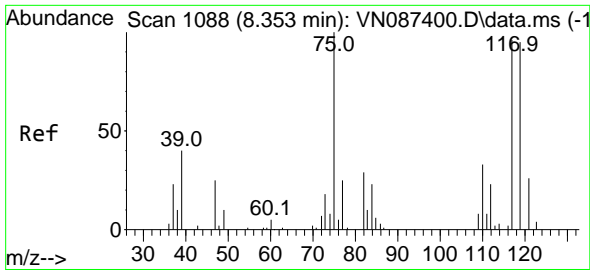
Supervised By :Mahesh
 Dadoda
 07/25/2025



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.083 min Scan# 1212
 Delta R.T. 0.000 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13

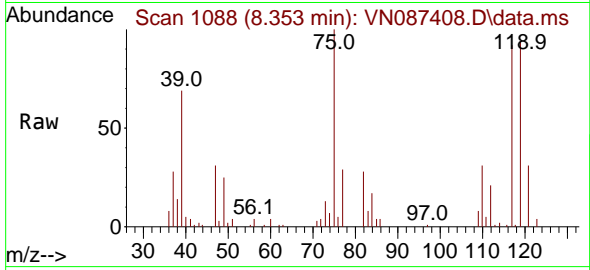
Tgt Ion:114 Resp: 129996
 Ion Ratio Lower Upper
 114 100
 63 22.0 16.8 25.2
 88 15.6 12.5 18.7





#29
 1,1-Dichloropropene
 Concen: 17.946 ug/l
 RT: 8.353 min Scan# 1088
 Delta R.T. 0.000 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

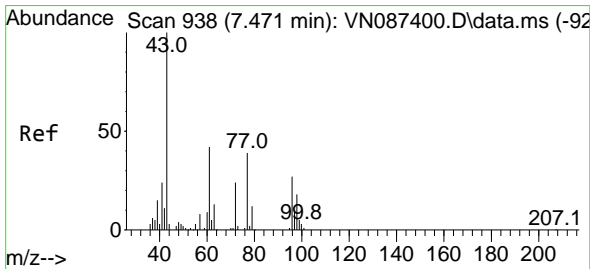
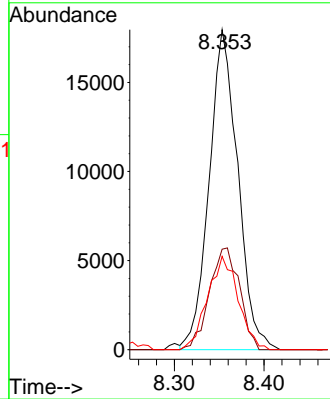
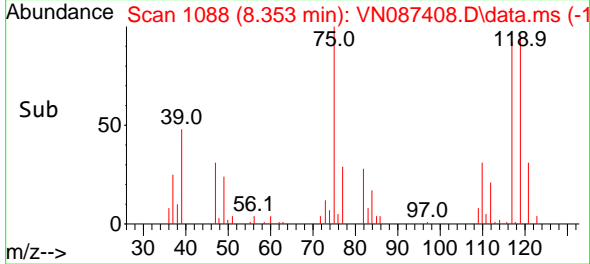


Tgt Ion: 75 Resp: 3980
 Ion Ratio Lower Upper
 75 100
 110 33.4 0.0 66.4
 77 31.2 0.0 61.6

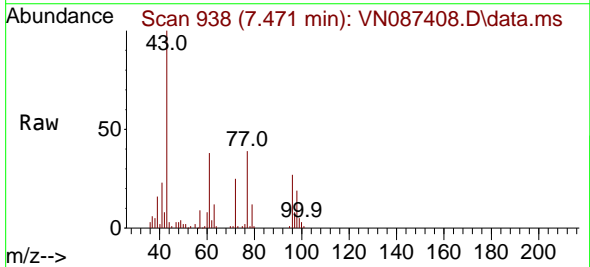
Manual Integrations
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Reviewed By :John
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 07/25/2025

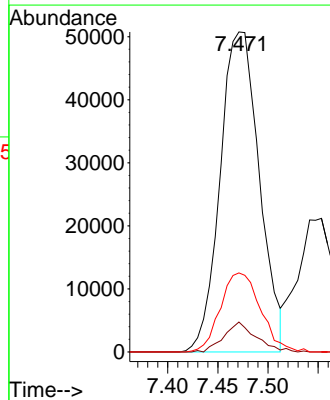
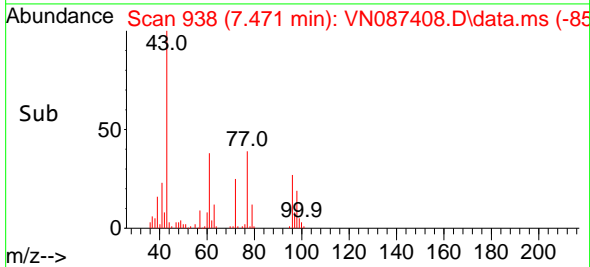
Supervised By :Mahesh
 Dadoda
 07/25/2025

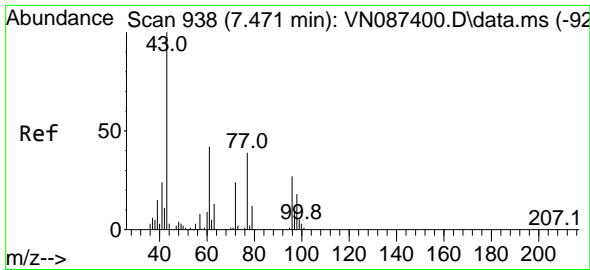


#30
 2-Butanone
 Concen: 91.513 ug/l
 RT: 7.471 min Scan# 938
 Delta R.T. 0.000 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13



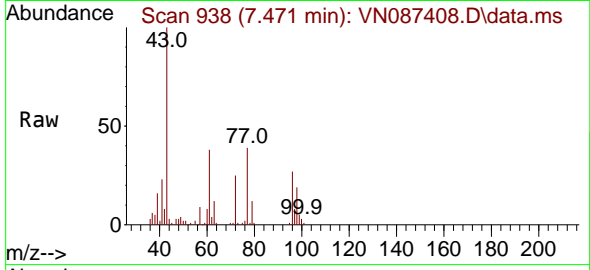
Tgt Ion: 43 Resp: 138226
 Ion Ratio Lower Upper
 43 100
 57 7.6 6.6 9.8
 72 25.1 20.6 30.8





#31
 2,2-Dichloropropane
 Concen: 19.621 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

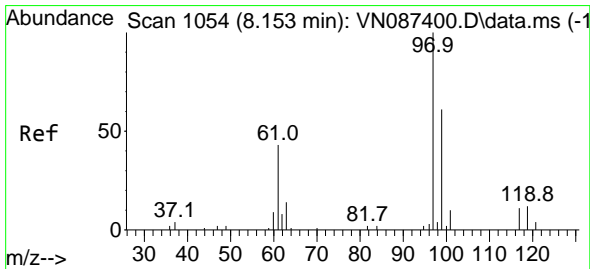
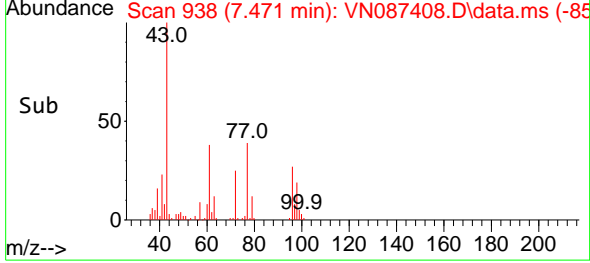
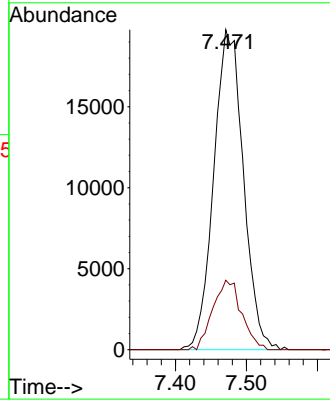


Tgt Ion: 77 Resp: 57150
 Ion Ratio Lower Upper
 77 100
 97 21.0 17.1 25.7

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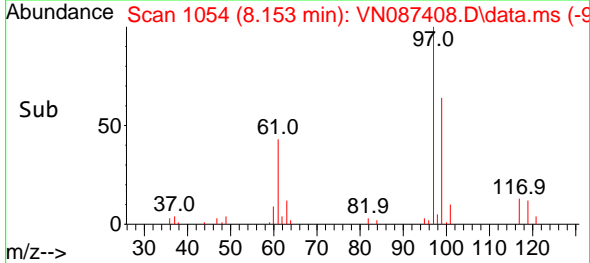
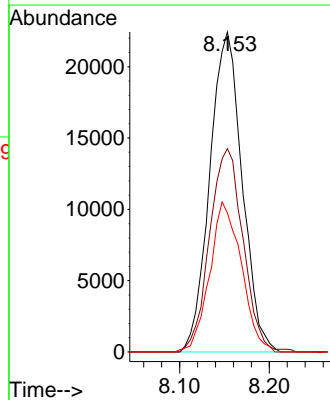
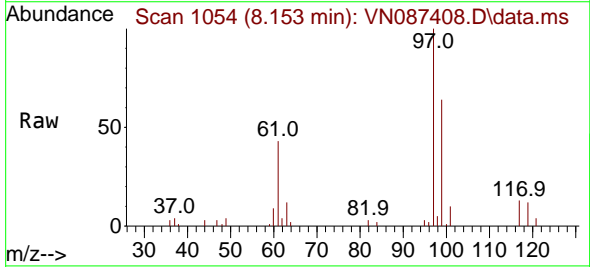
Reviewed By :John
 Carlone
 07/25/2025

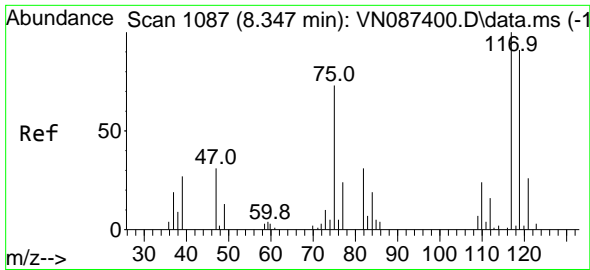
Supervised By :Mahesh
 Dadoda
 07/25/2025



#32
 1,1,1-Trichloroethane
 Concen: 19.359 ug/l
 RT: 8.153 min Scan# 1054
 Delta R.T. 0.000 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13

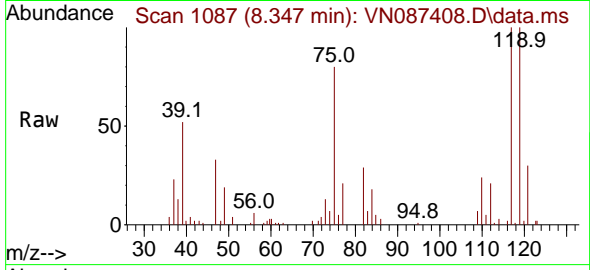
Tgt Ion: 97 Resp: 56193
 Ion Ratio Lower Upper
 97 100
 99 65.3 51.0 76.6
 61 46.0 36.1 54.1





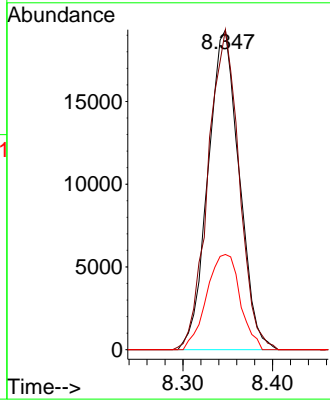
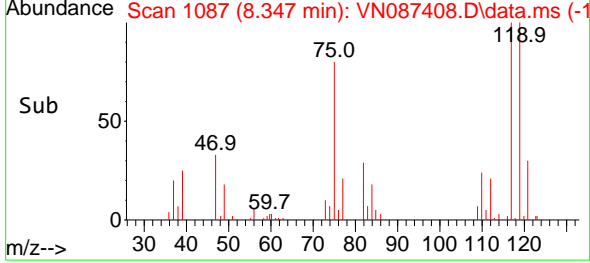
#33
 Carbon Tetrachloride
 Concen: 18.466 ug/l
 RT: 8.347 min Scan# 1087
 Delta R.T. 0.000 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13

Instrument : MSVOA_N
 Client Sample Id : VSTDCCC020

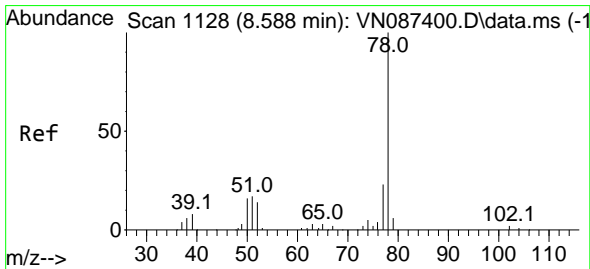


Tgt Ion: 117 Resp: 4656
 Ion Ratio Lower Upper
 117 100
 119 100.1 72.7 109.1
 121 29.8 21.1 31.7

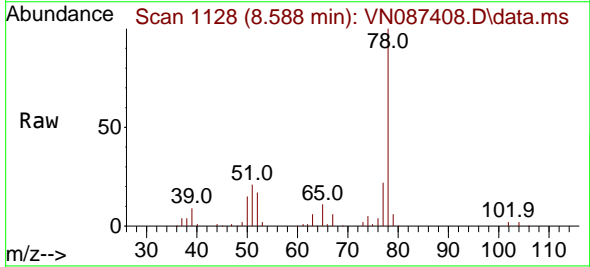
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 Reviewed By :John
 Carlone
 07/25/2025



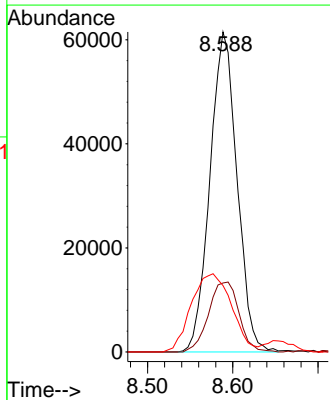
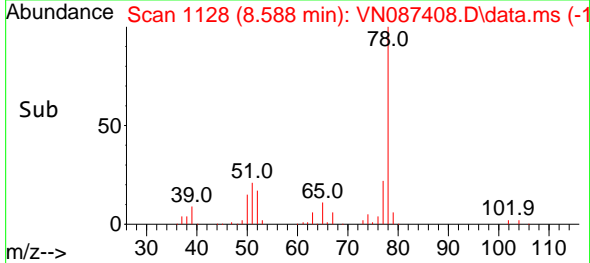
Supervised By :Mahesh
 Dadoda
 07/25/2025

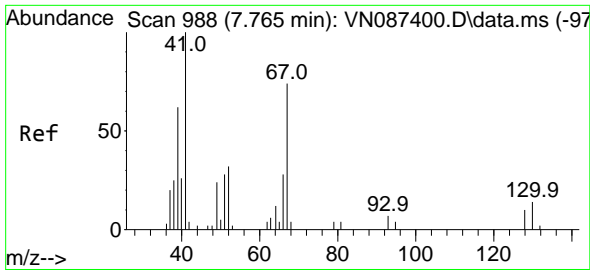


#34
 Benzene
 Concen: 18.972 ug/l
 RT: 8.588 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13



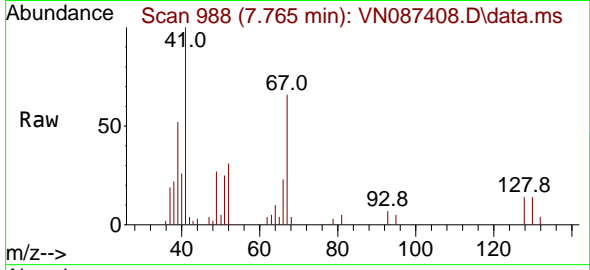
Tgt Ion: 78 Resp: 135901
 Ion Ratio Lower Upper
 78 100
 77 21.5 18.2 27.2
 51 17.3 13.8 20.8





#35
 Methacrylonitrile
 Concen: 17.202 ug/l
 RT: 7.765 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC020

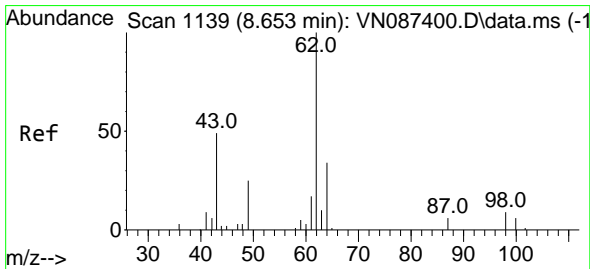
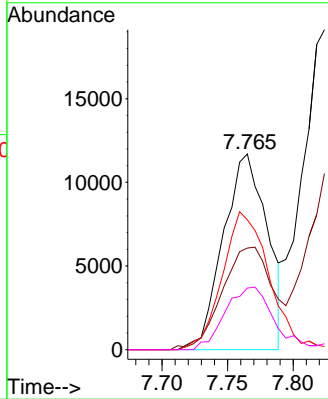
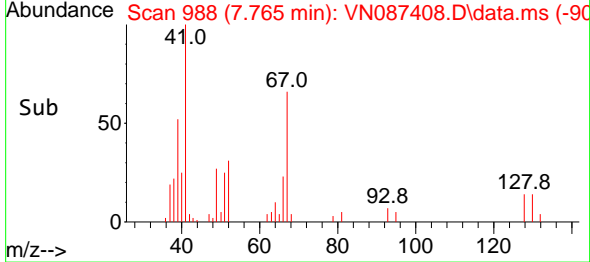


Tgt Ion: 41 Resp: 27324
 Ion Ratio Lower Upper
 41 100
 39 49.8 31.0 93.0
 67 66.4 36.8 110.3
 52 31.5 16.3 48.8

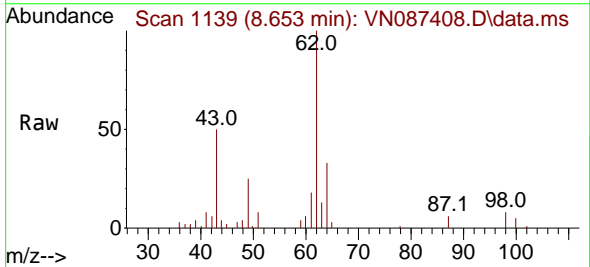
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Reviewed By :John
 Carlone
 07/25/2025

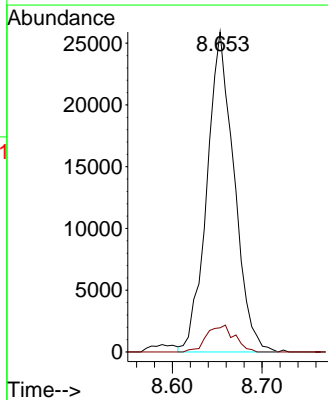
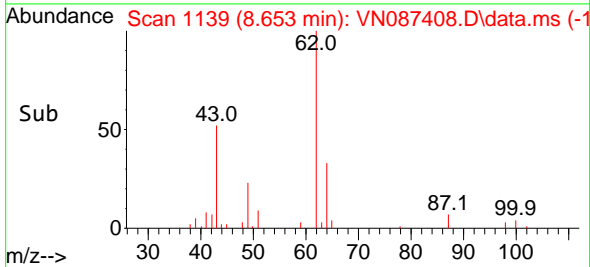
Supervised By :Mahesh
 Dadoda
 07/25/2025

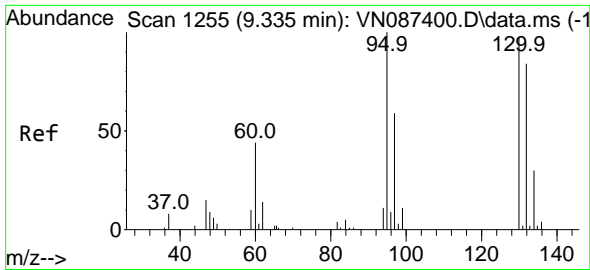


#36
 1,2-Dichloroethane
 Concen: 19.274 ug/l
 RT: 8.653 min Scan# 1139
 Delta R.T. 0.000 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13



Tgt Ion: 62 Resp: 54466
 Ion Ratio Lower Upper
 62 100
 98 8.3 6.6 9.8





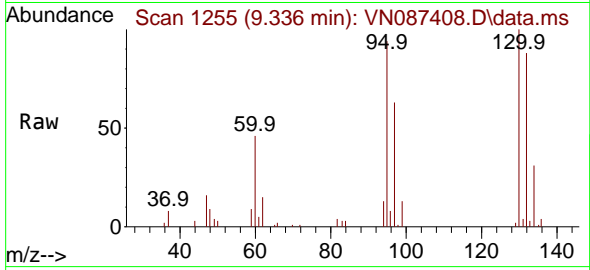
#37
 Trichloroethene
 Concen: 18.947 ug/l
 RT: 9.336 min Scan# 1255
 Delta R.T. 0.000 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020



Tgt Ion:130 Resp: 3097
 Ion Ratio Lower Upper
 130 100
 95 94.0 82.4 123.6

Manual Integrations

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Reviewed By :John

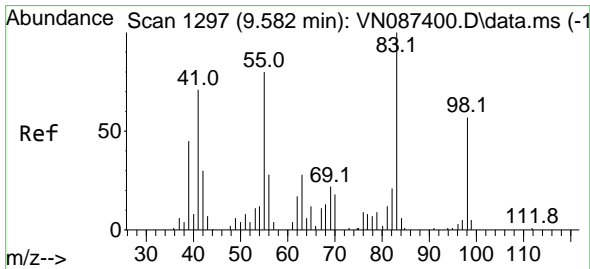
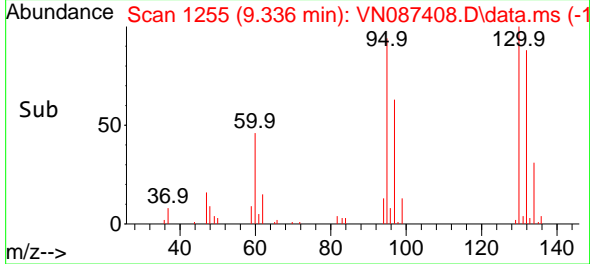
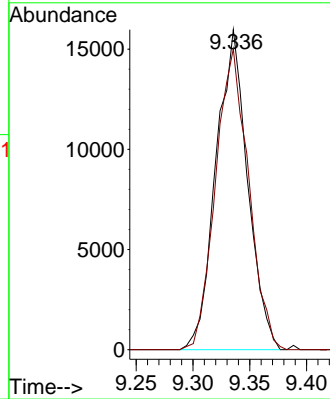
Carlone

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Supervised By :Mahesh

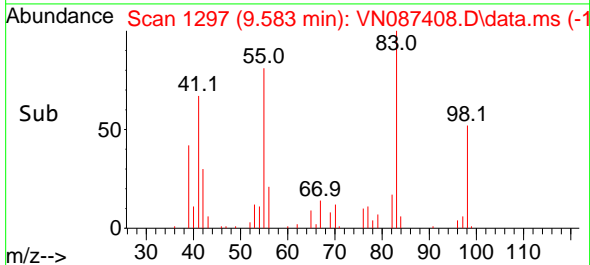
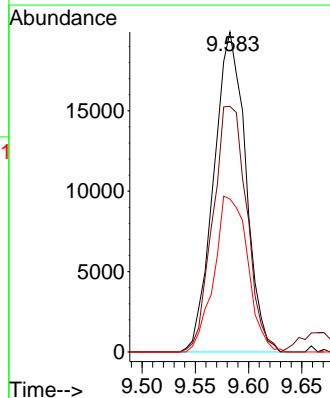
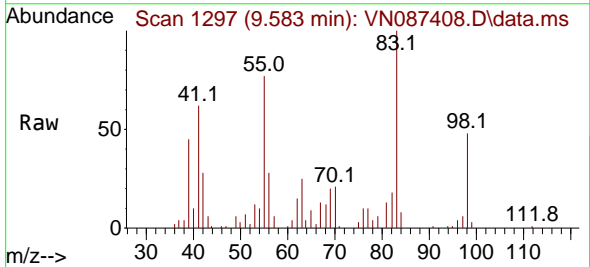
Dadoda

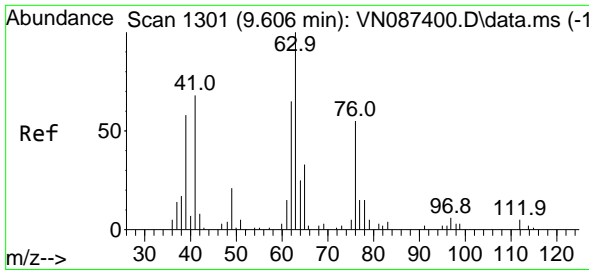
07/25/2025



#38
 Methylcyclohexane
 Concen: 17.717 ug/l
 RT: 9.583 min Scan# 1297
 Delta R.T. 0.000 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13

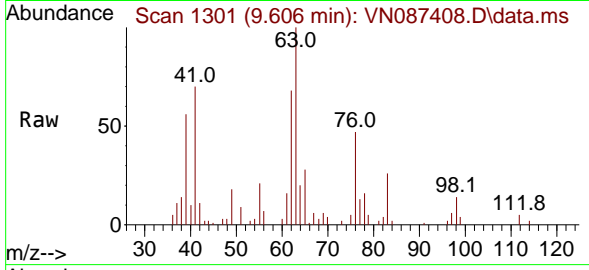
Tgt Ion: 83 Resp: 41538
 Ion Ratio Lower Upper
 83 100
 55 81.4 40.9 122.8
 98 51.1 25.6 76.6





#39
 1,2-Dichloropropane
 Concen: 18.532 ug/l
 RT: 9.606 min Scan# 1301
 Delta R.T. 0.000 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13

Instrument : MSVOA_N
 ClientSampleId : VSTDCCC020

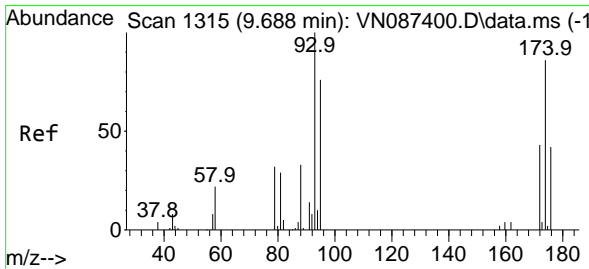
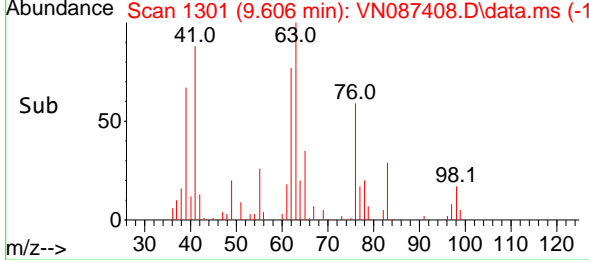
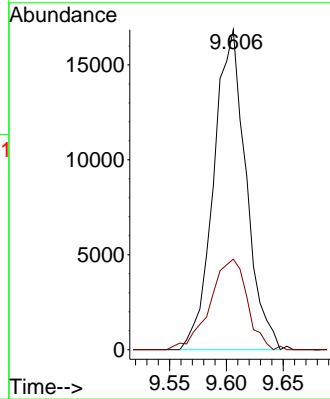


Tgt Ion: 63 Resp: 33349
 Ion Ratio Lower Upper
 63 100
 65 27.2 26.1 39.1

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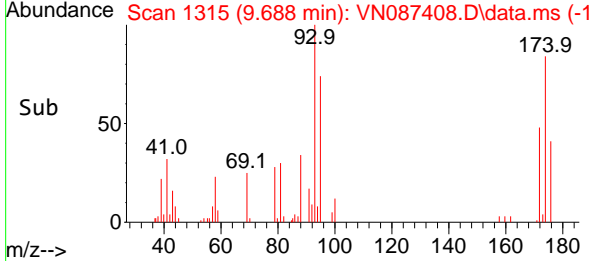
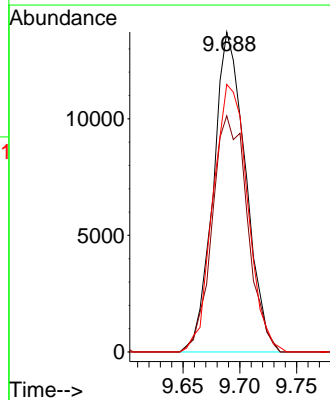
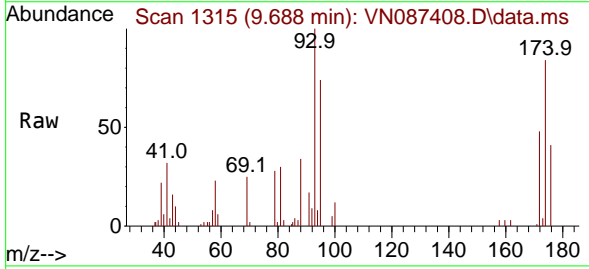
Reviewed By :John
 Carlone
 07/25/2025

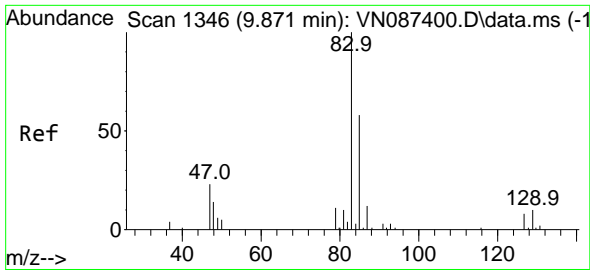
Supervised By :Mahesh
 Dadoda
 07/25/2025



#40
 Dibromomethane
 Concen: 19.499 ug/l
 RT: 9.688 min Scan# 1315
 Delta R.T. 0.000 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13

Tgt Ion: 93 Resp: 27148
 Ion Ratio Lower Upper
 93 100
 95 80.3 0.0 161.8
 174 89.4 0.0 177.6





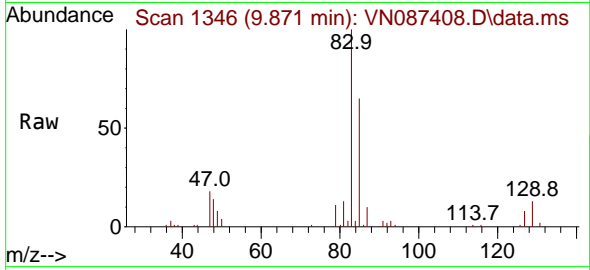
#41
 Bromodichloromethane
 Concen: 18.920 ug/l
 RT: 9.871 min Scan# 111
 Delta R.T. 0.000 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020



Tgt Ion: 83 Resp: 5230
 Ion Ratio Lower Upper
 83 100
 85 64.7 46.2 69.2
 127 8.0 6.1 9.1

Manual Integrations

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Reviewed By :John

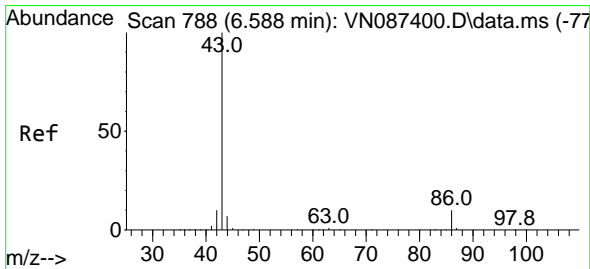
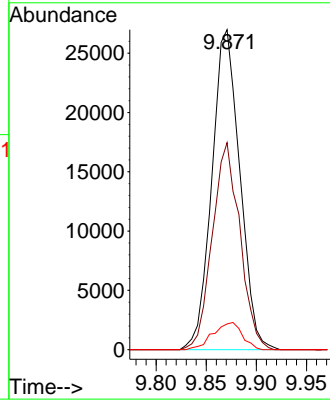
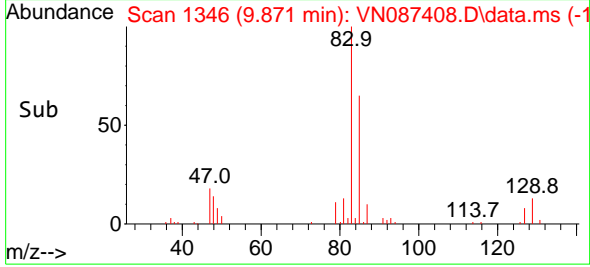
Carlone

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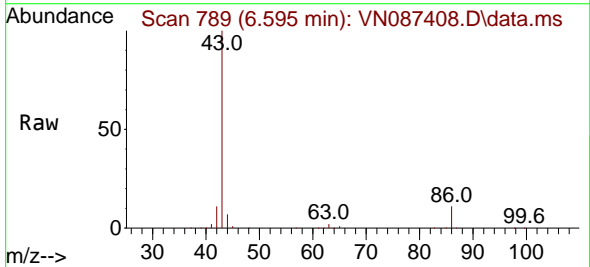
Supervised By :Mahesh

Dadoda

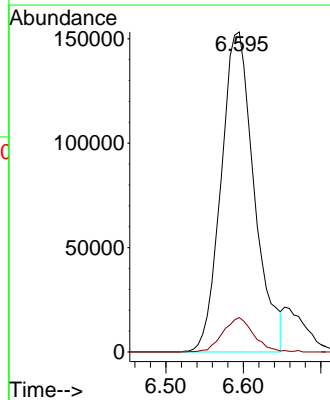
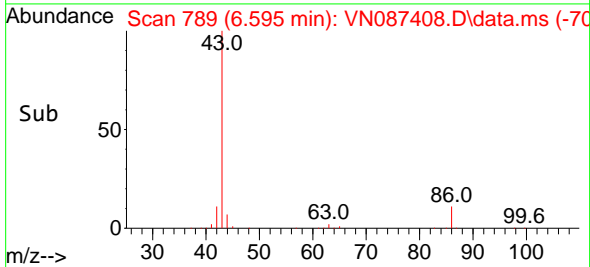
07/25/2025

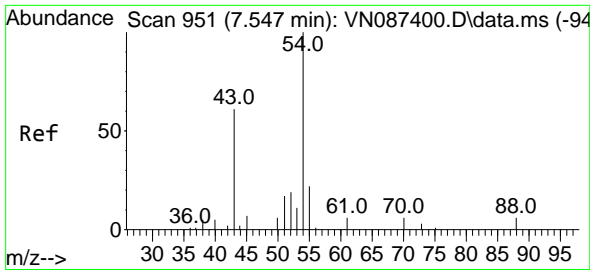


#42
 Vinyl Acetate
 Concen: 89.150 ug/l
 RT: 6.595 min Scan# 789
 Delta R.T. 0.006 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13



Tgt Ion: 43 Resp: 456154
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.1 12.1





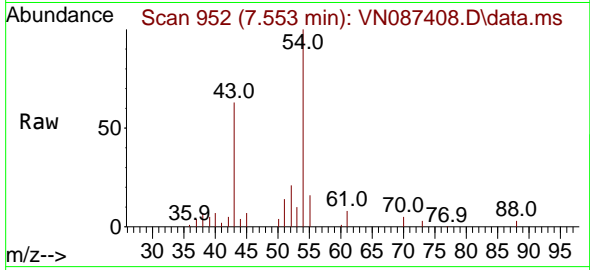
#43
 Ethyl Acetate
 Concen: 17.033 ug/l
 RT: 7.553 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDC020



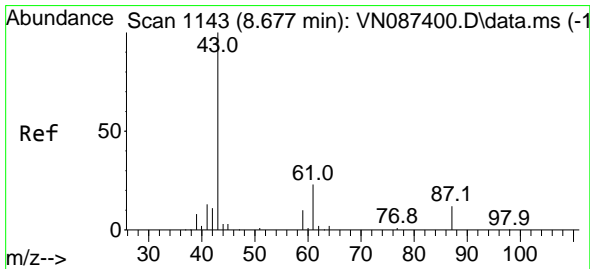
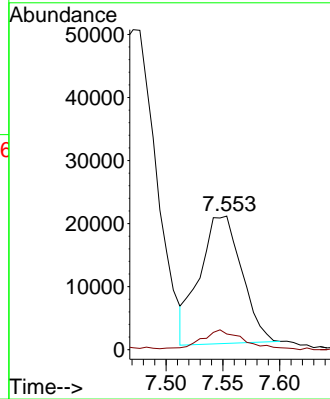
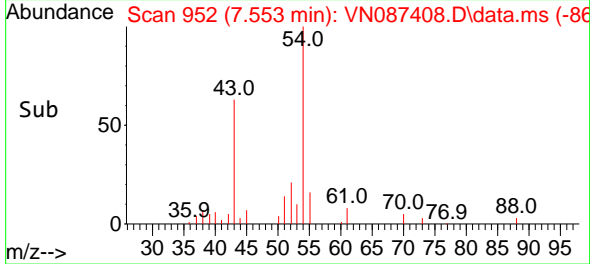
Tgt Ion: 43 Resp: 5237
 Ion Ratio Lower Upper
 43 100
 45 15.6 5.6 8.4

Manual Integrations

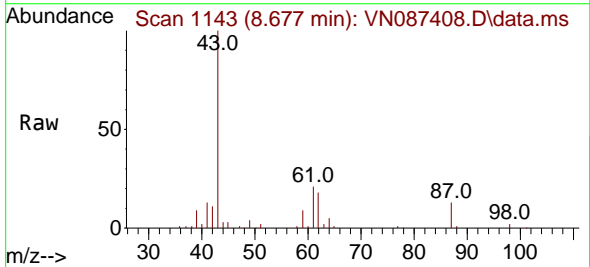
APPROVED

Reviewed By :John
 Carlone
 07/25/2025

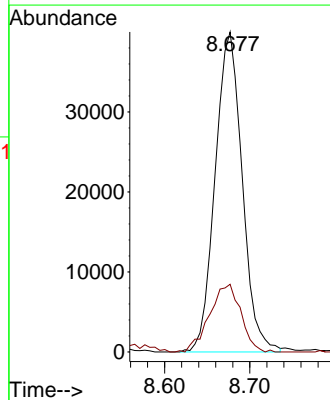
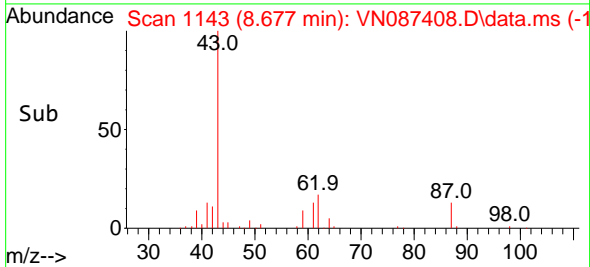
Supervised By :Mahesh
 Dadoda
 07/25/2025

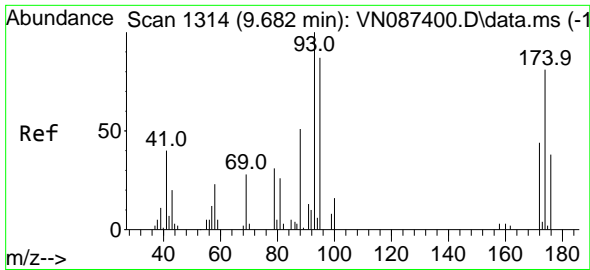


#44
 Isopropyl Acetate
 Concen: 18.156 ug/l
 RT: 8.677 min Scan# 1143
 Delta R.T. 0.000 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13



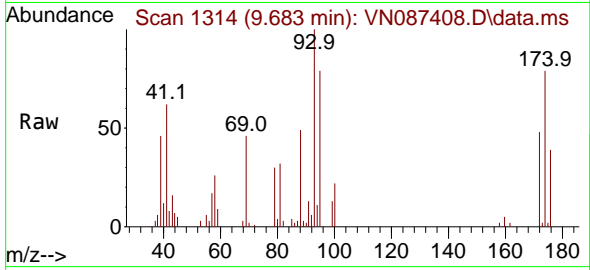
Tgt Ion: 43 Resp: 88137
 Ion Ratio Lower Upper
 43 100
 61 24.3 20.1 30.1





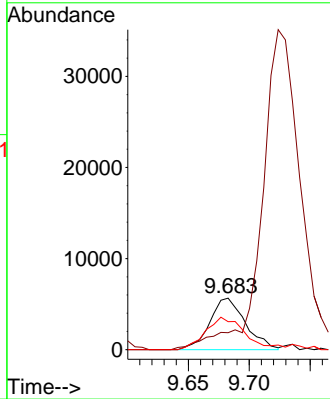
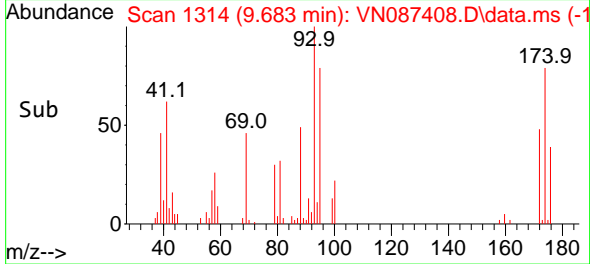
#45
 1,4-Dioxane
 Concen: 386.743 ug/l
 RT: 9.683 min Scan# 1314
 Delta R.T. 0.000 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13

Instrument : MSVOA_N
 ClientSampleId : VSTDCCC020

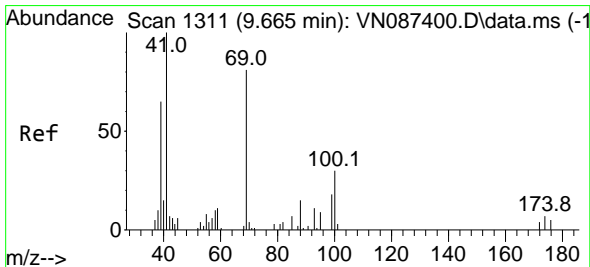


Tgt Ion: 88 Resp: 1156
 Ion Ratio Lower Upper
 88 100
 43 39.3 29.6 44.4
 58 67.2 23.5 35.3

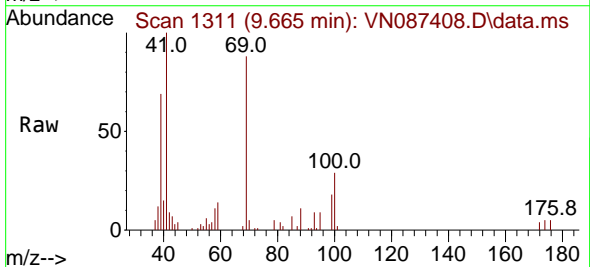
Manual Integrations
APPROVED
 Reviewed By :John
 Carlone
 07/25/2025



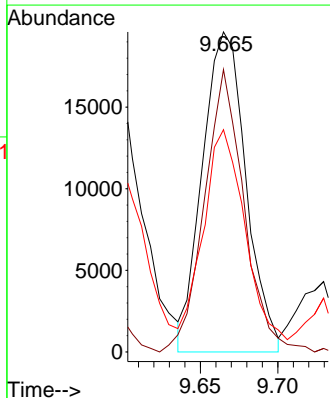
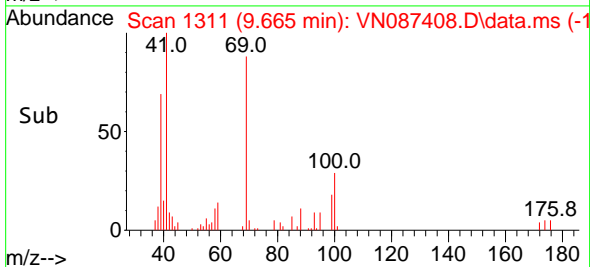
Supervised By :Mahesh
 Dadoda
 07/25/2025

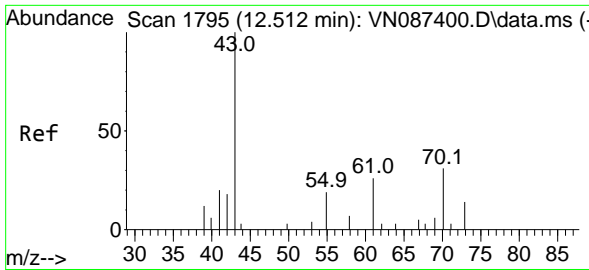


#46
 Methyl methacrylate
 Concen: 17.141 ug/l
 RT: 9.665 min Scan# 1311
 Delta R.T. 0.000 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13



Tgt Ion: 41 Resp: 38319
 Ion Ratio Lower Upper
 41 100
 69 87.7 39.5 118.5
 39 65.4 31.6 94.7





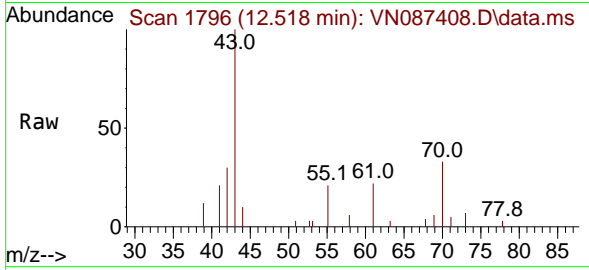
#47
 n-amy1 Acetate
 Concen: 17.482 ug/l m
 RT: 12.518 min Scan# 1
 Delta R.T. 0.006 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020



Tgt Ion: 43 Resp: 5085
 Ion Ratio Lower Upper
 43 100
 55 4.4 0.6 0.8

Manual Integrations

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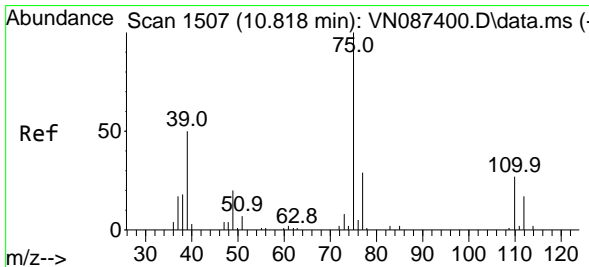
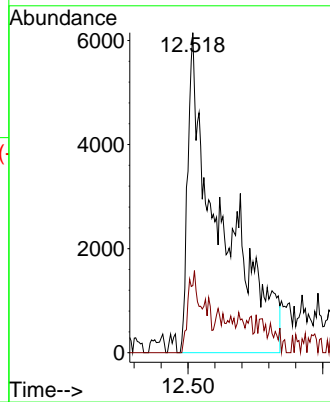
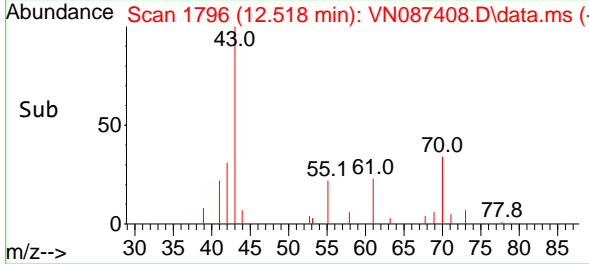
Carlone

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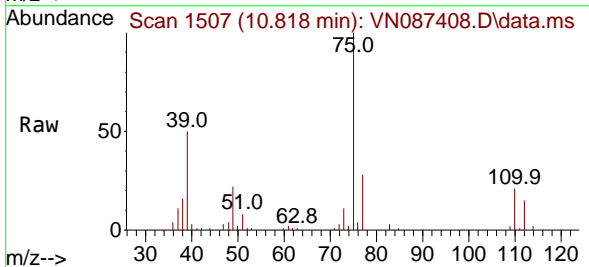
Supervised By :Mahesh

Dadoda

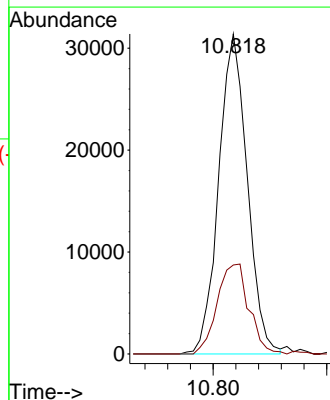
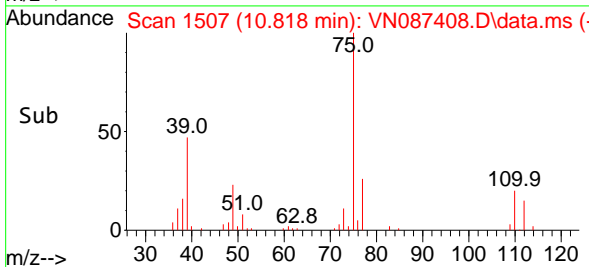
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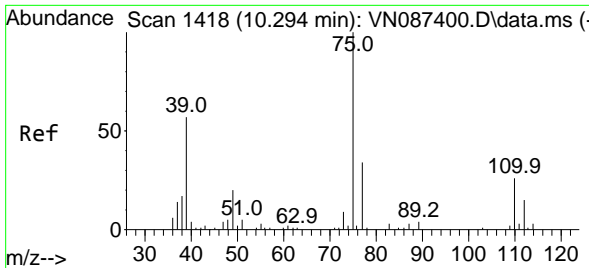


#48
 t-1,3-Dichloropropene
 Concen: 18.571 ug/l
 RT: 10.818 min Scan# 1507
 Delta R.T. 0.000 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13



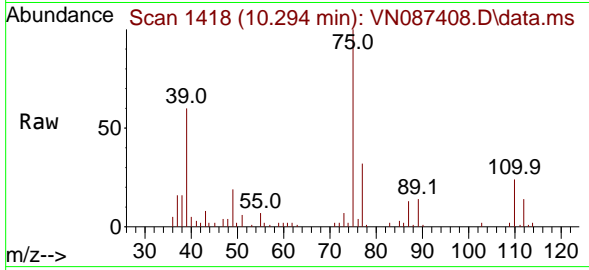
Tgt Ion: 75 Resp: 54764
 Ion Ratio Lower Upper
 75 100
 77 27.8 23.6 35.4





#49
 cis-1,3-Dichloropropene
 Concen: 18.639 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13

Instrument :
 MSVOA_N
ClientSampleId :
 VSTDCCC020



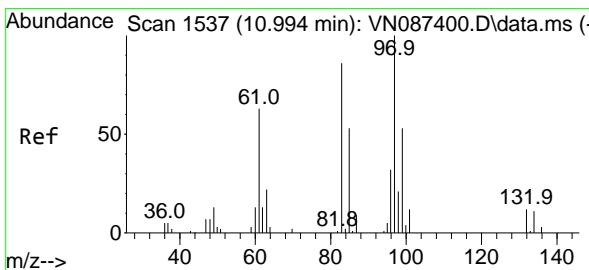
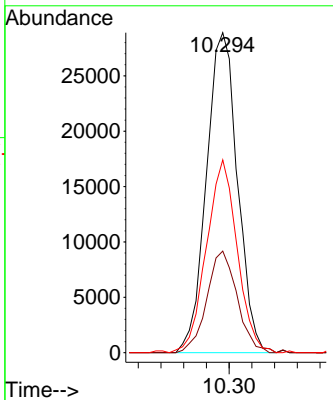
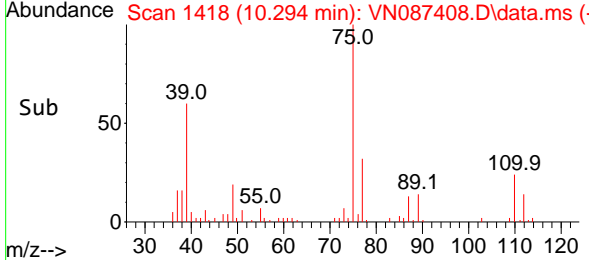
Tgt Ion: 75 Resp: 54970

Ion	Ratio	Lower	Upper
75	100		
77	31.7	27.4	41.0
39	60.2	46.3	69.5

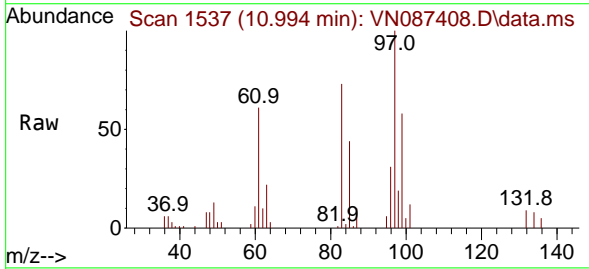
Manual Integrations
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 Carlone
 07/25/2025

Supervised By :Mahesh
 Dadoda
 07/25/2025

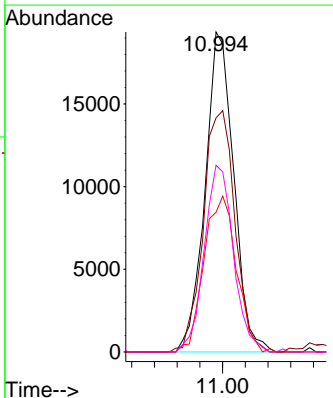
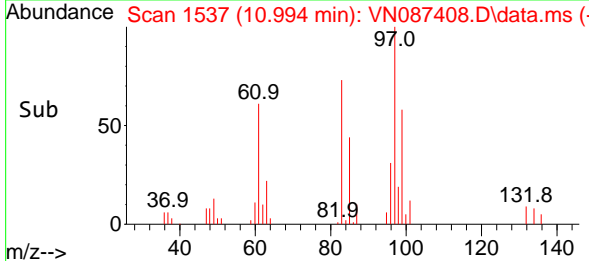


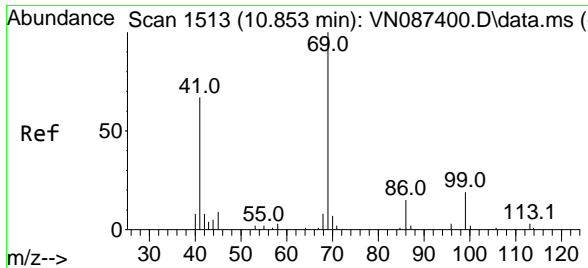
#50
 1,1,2-Trichloroethane
 Concen: 18.853 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. 0.000 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13



Tgt Ion: 97 Resp: 33899

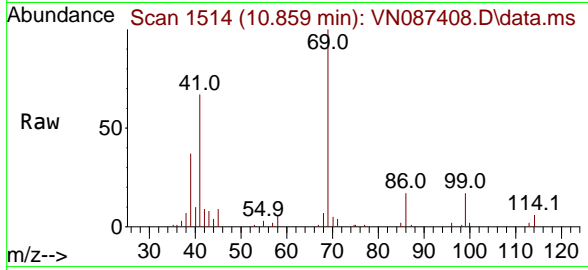
Ion	Ratio	Lower	Upper
97	100		
83	73.1	68.9	103.3
85	43.6	42.2	63.2
99	58.4	42.5	63.7





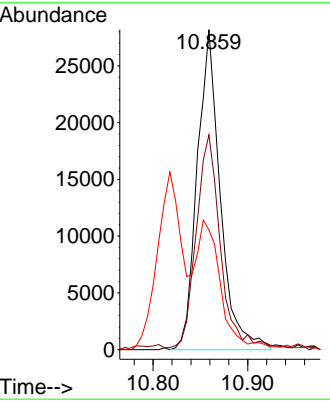
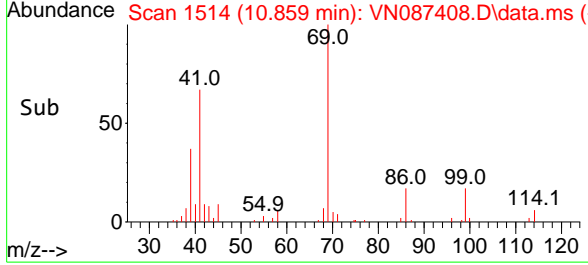
#51
 Ethyl methacrylate
 Concen: 17.335 ug/l
 RT: 10.859 min Scan# 1514
 Delta R.T. 0.006 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13

Instrument : MSVOA_N
 Client Sample Id : VSTDCCC020

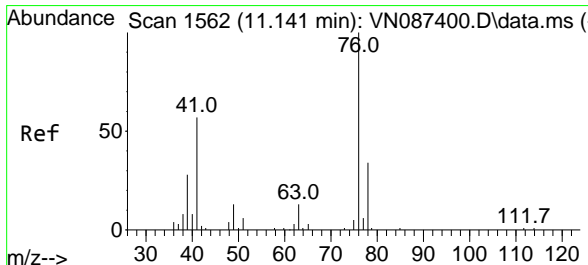


Tgt Ion: 69 Resp: 4766
 Ion Ratio Lower Upper
 69 100
 41 66.5 33.7 101.1
 39 36.6 21.6 65.0

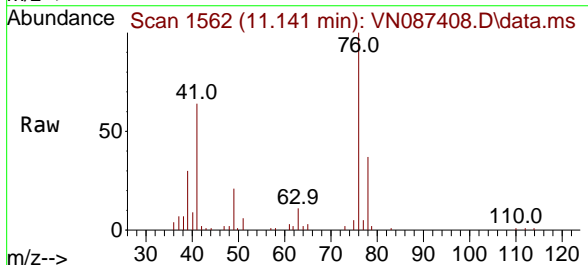
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 Reviewed By :John
 Carlone
 07/25/2025



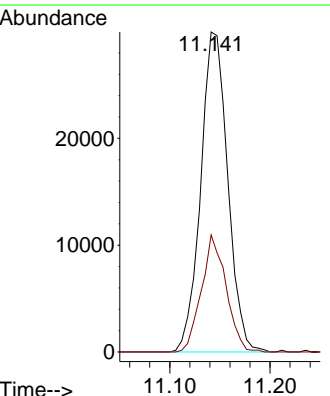
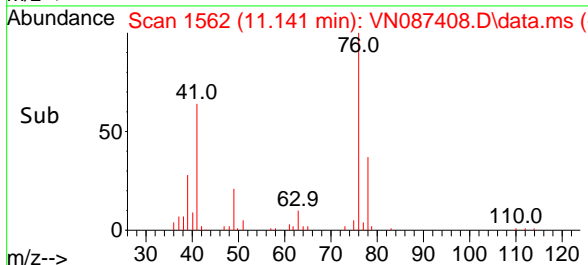
Supervised By :Mahesh
 Dadoda
 07/25/2025

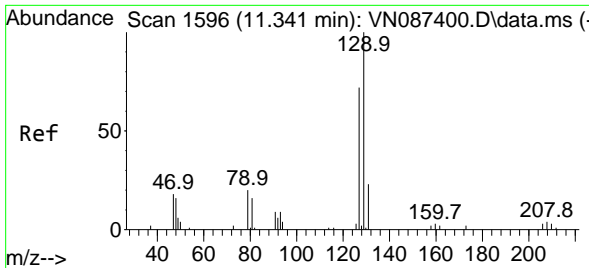


#52
 1,3-Dichloropropane
 Concen: 18.160 ug/l
 RT: 11.141 min Scan# 1562
 Delta R.T. 0.000 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13



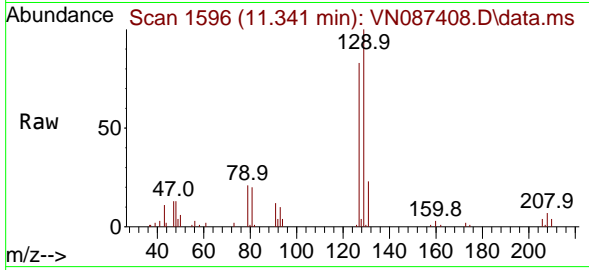
Tgt Ion: 76 Resp: 56142
 Ion Ratio Lower Upper
 76 100
 78 33.3 0.0 67.4





#53
 Dibromochloromethane
 Concen: 18.613 ug/l
 RT: 11.341 min Scan# 1596
 Delta R.T. 0.000 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13

Instrument :
 MSVOA_N
ClientSampleId :
 VSTDCCC020

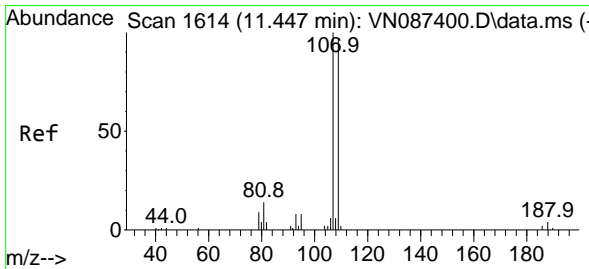
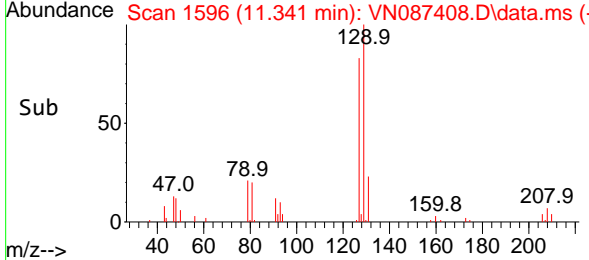
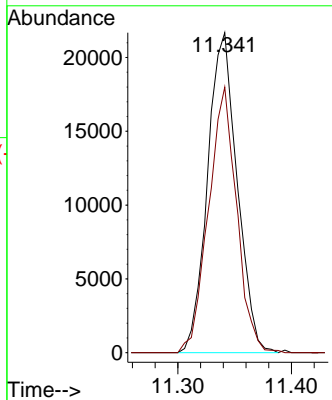


Tgt Ion:129 Resp: 39220
 Ion Ratio Lower Upper
 129 100
 127 79.0 38.7 116.1

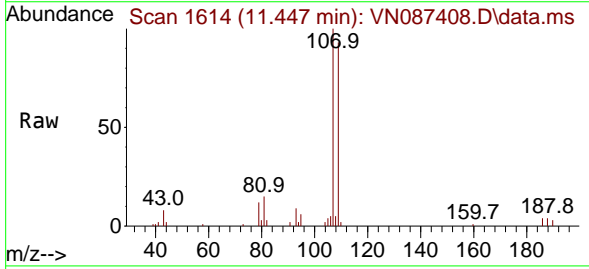
Manual Integrations
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Reviewed By :John
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 07/25/2025

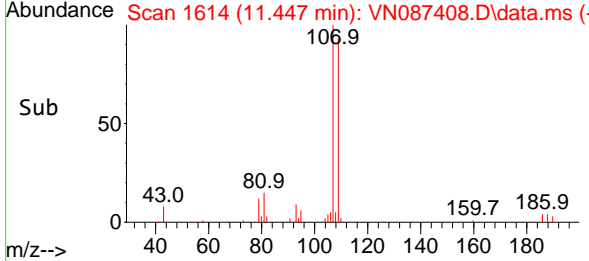
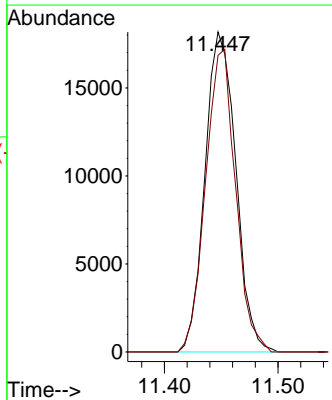
Supervised By :Mahesh
 Dadoda
 07/25/2025

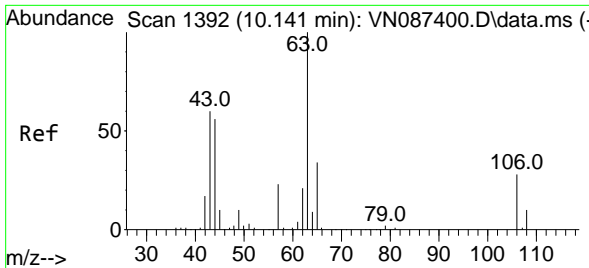


#54
 1,2-Dibromoethane
 Concen: 18.629 ug/l
 RT: 11.447 min Scan# 1614
 Delta R.T. 0.000 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13



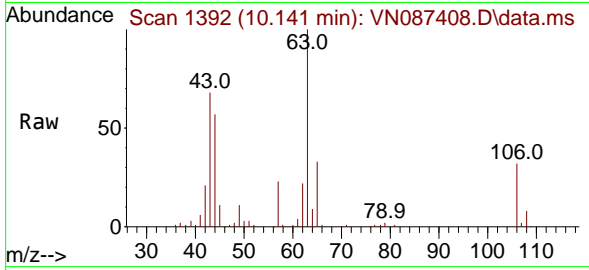
Tgt Ion:107 Resp: 34334
 Ion Ratio Lower Upper
 107 100
 109 91.9 74.6 112.0





#55
 2-Chloroethyl vinyl ether
 Concen: 86.608 ug/l
 RT: 10.141 min Scan# 1392
 Delta R.T. 0.000 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13

Instrument :
 MSVOA_N
ClientSampleId :
 VSTDCCC020



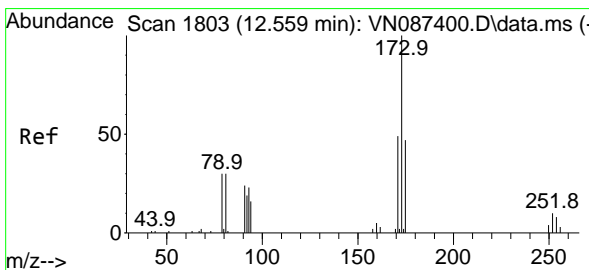
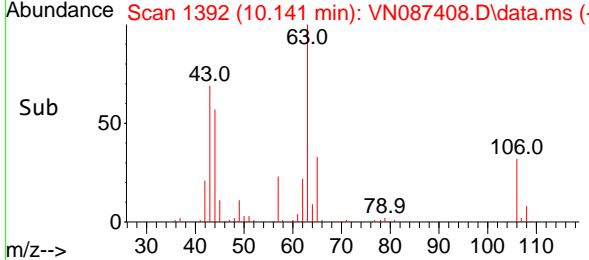
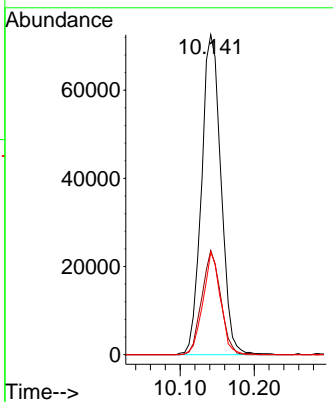
Tgt Ion: 63 Resp: 132479

Ion	Ratio	Lower	Upper
63	100		
65	31.3	25.8	38.8
106	28.8	23.0	34.4

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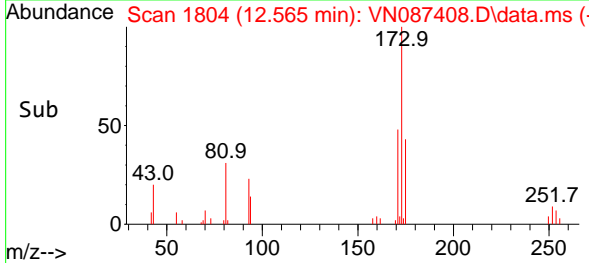
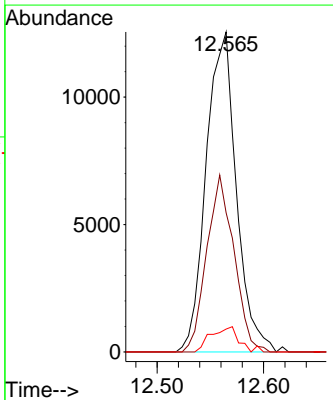
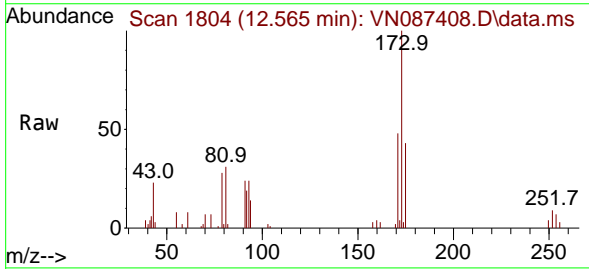
Supervised By :Mahesh
 Dadoda
 07/25/2025

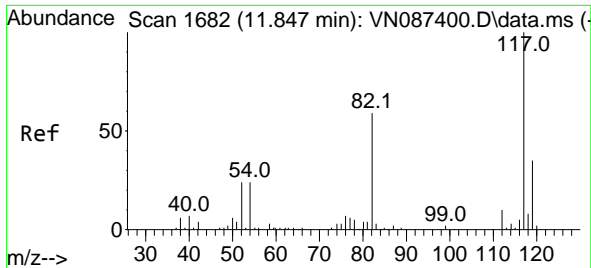


#56
 Bromoform
 Concen: 16.468 ug/l
 RT: 12.565 min Scan# 1804
 Delta R.T. 0.006 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13

Tgt Ion:173 Resp: 24683

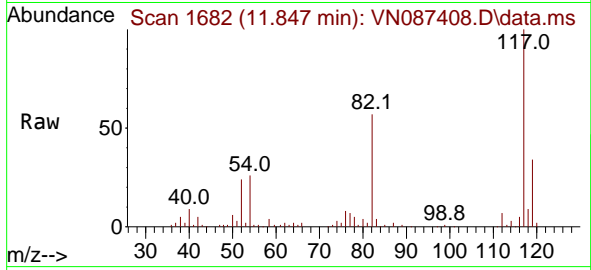
Ion	Ratio	Lower	Upper
173	100		
175	50.0	38.4	57.6
254	4.8	6.7	10.1#





#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.847 min Scan# 117
 Delta R.T. 0.000 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13

Instrument : MSVOA_N
 Client Sampled : VSTDCCC020



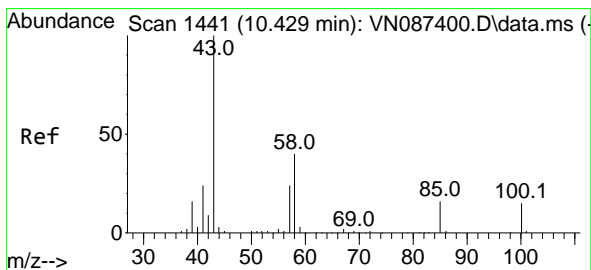
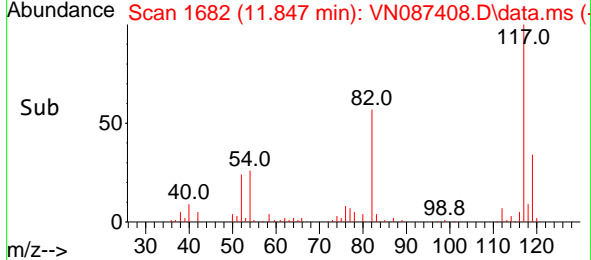
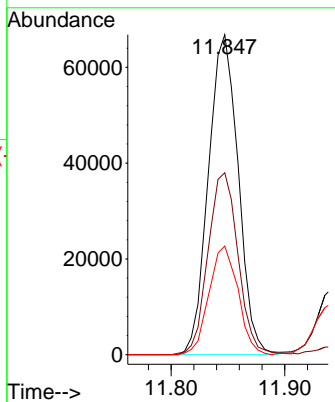
Tgt Ion: 117 Resp: 122079

Ion	Ratio	Lower	Upper
117	100		
82	57.1	44.1	66.1
119	33.0	25.4	38.2

Manual Integrations
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Reviewed By :John
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 07/25/2025

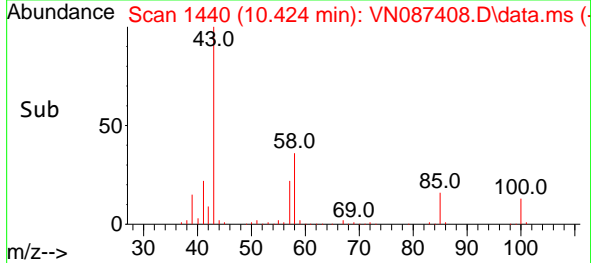
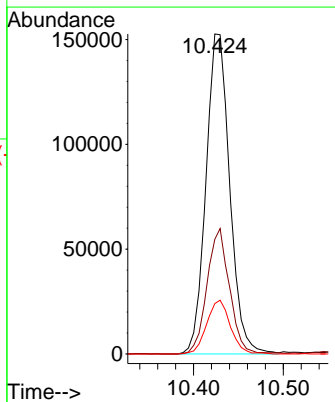
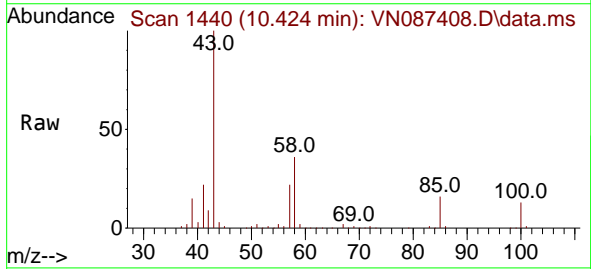
Supervised By :Mahesh
 Dadoda
 07/25/2025

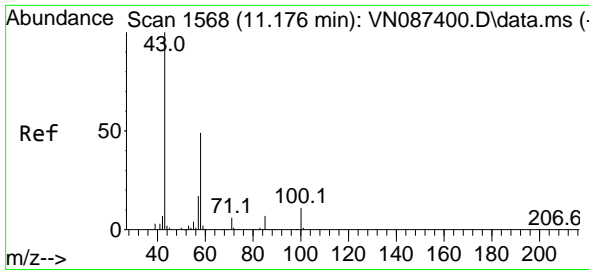


#58
 4-Methyl-2-Pentanone
 Concen: 94.206 ug/l
 RT: 10.424 min Scan# 1440
 Delta R.T. -0.006 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13

Tgt Ion: 43 Resp: 281209

Ion	Ratio	Lower	Upper
43	100		
58	36.9	29.5	44.3
85	16.5	13.3	19.9





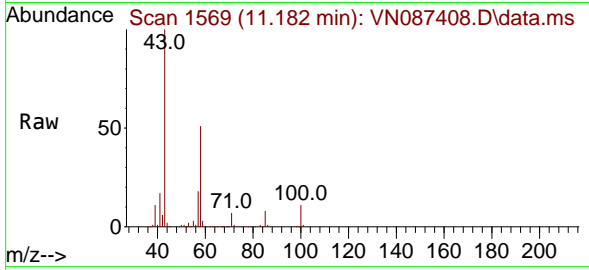
#59
 2-Hexanone
 Concen: 91.986 ug/l
 RT: 11.182 min Scan# 1569
 Delta R.T. 0.006 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13

Instrument :

MSVOA_N

Client Sample Id :

VSTDCCC020



Tgt Ion: 43 Resp: 185336
 Ion Ratio Lower Upper
 43 100
 58 51.0 40.5 60.7
 57 17.8 14.0 21.0

Manual Integrations

APPROVED

Reviewed By :John

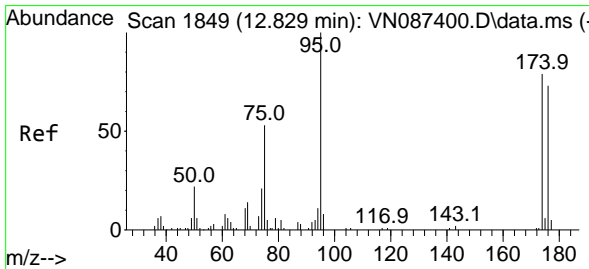
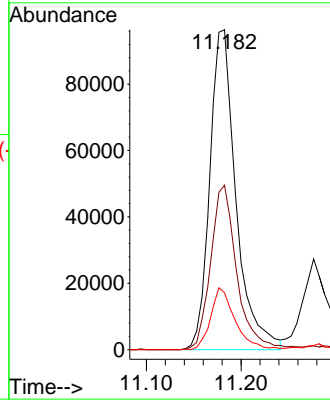
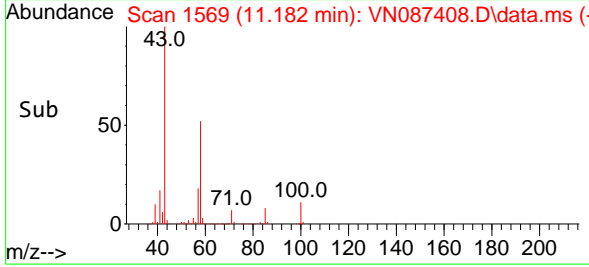
Carlone

07/25/2025

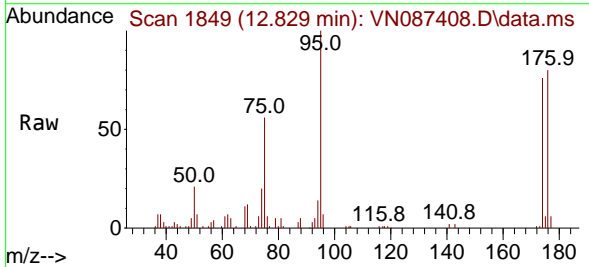
Supervised By :Mahesh

Dadoda

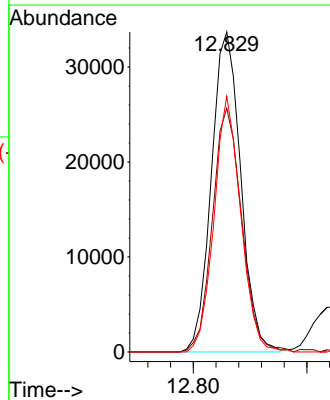
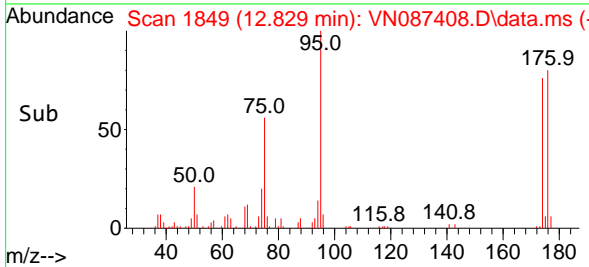
07/25/2025

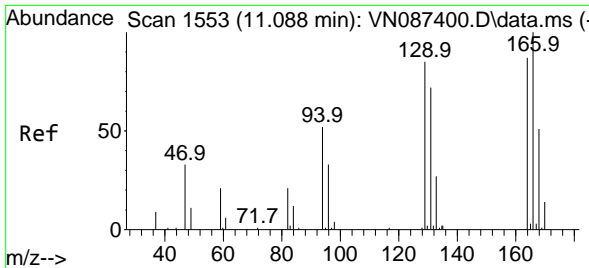


#60
 4-Bromofluorobenzene
 Concen: 29.632 ug/l
 RT: 12.829 min Scan# 1849
 Delta R.T. 0.000 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13



Tgt Ion: 95 Resp: 60349
 Ion Ratio Lower Upper
 95 100
 174 76.1 62.1 93.1
 176 72.7 57.9 86.9





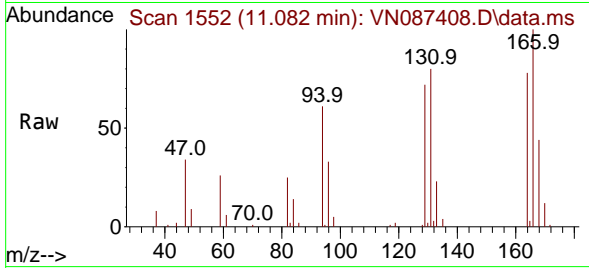
#61
 Tetrachloroethene
 Concen: 19.973 ug/l
 RT: 11.082 min Scan# 1552
 Delta R.T. -0.006 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13

Instrument :

MSVOA_N

Client Sampled :

VSTDC020



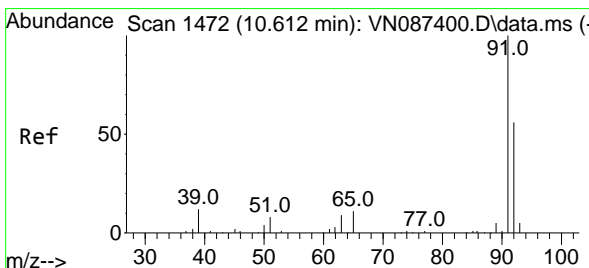
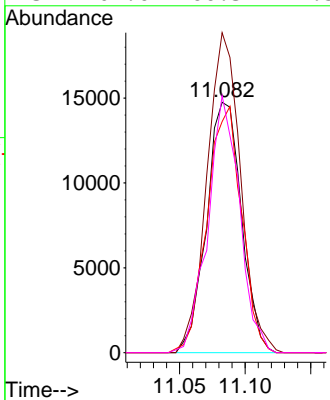
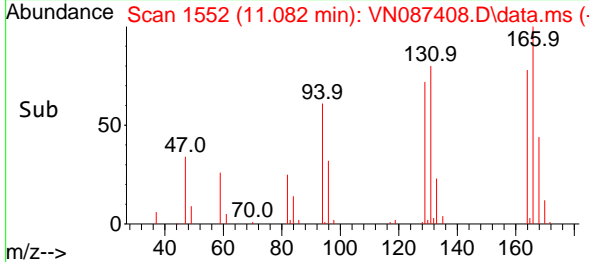
Tgt Ion: 164 Resp: 27228

Ion	Ratio	Lower	Upper
164	100		
166	127.8	91.7	137.5
129	92.3	77.8	116.6
131	102.6	66.3	99.5

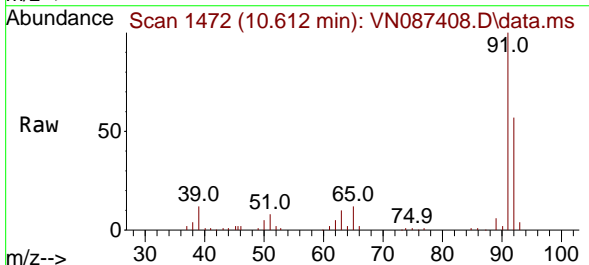
Manual Integrations
 APPROVED

Reviewed By :John
 Carlone
 07/25/2025

Supervised By :Mahesh
 Dadoda
 07/25/2025

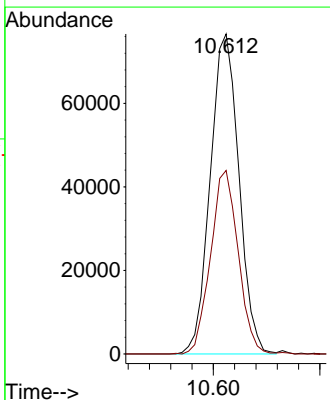
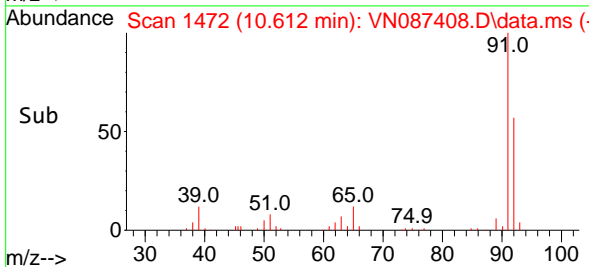


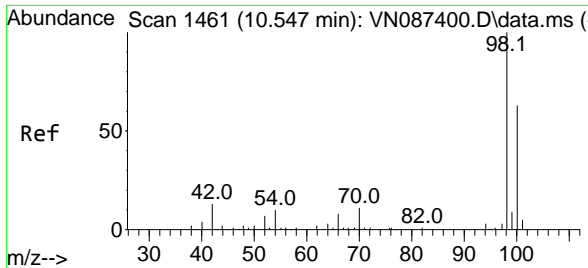
#62
 Toluene
 Concen: 19.224 ug/l
 RT: 10.612 min Scan# 1472
 Delta R.T. 0.000 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13



Tgt Ion: 91 Resp: 142921

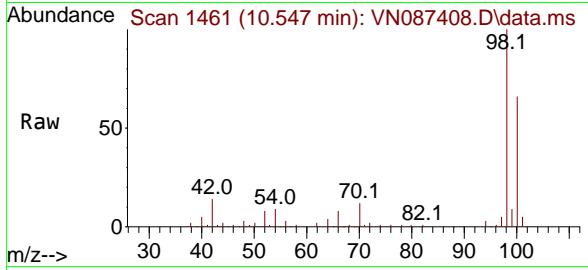
Ion	Ratio	Lower	Upper
91	100		
92	55.3	47.4	71.0





#63
 Toluene-d8
 Concen: 29.928 ug/l
 RT: 10.547 min Scan# 1461
 Delta R.T. 0.000 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13

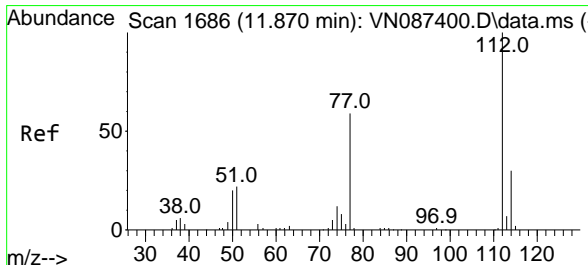
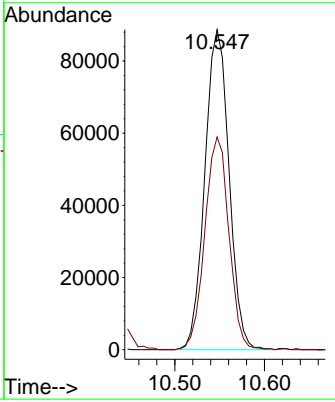
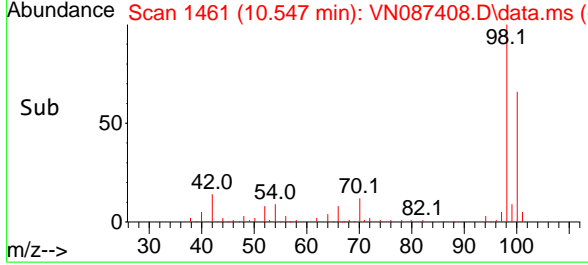
Instrument :
 MSVOA_N
ClientSampleId :
 VSTDCCC020



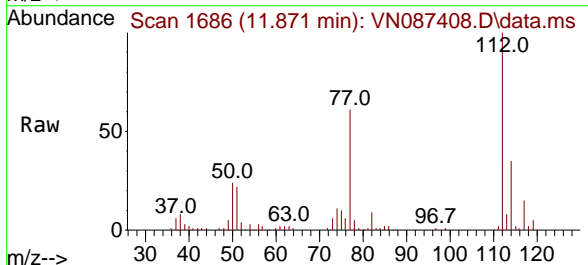
Tgt Ion: 98 Resp: 16615
 Ion Ratio Lower Upper
 98 100
 100 66.2 51.1 76.7

Manual Integrations
APPROVED

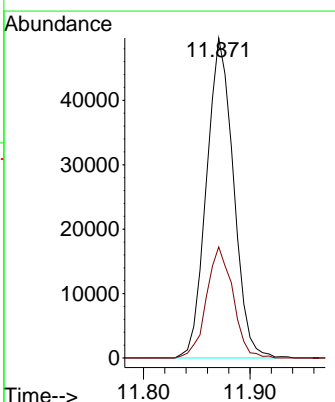
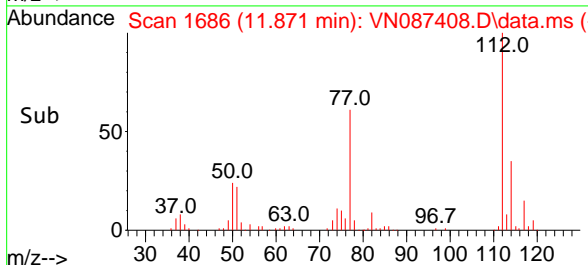
Reviewed By :John
 Carlone
 07/25/2025
 Supervised By :Mahesh
 Dadoda
 07/25/2025

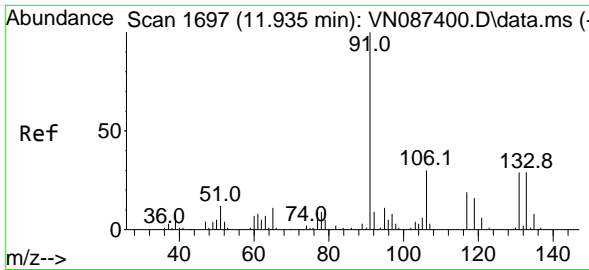


#64
 Chlorobenzene
 Concen: 18.391 ug/l
 RT: 11.871 min Scan# 1686
 Delta R.T. 0.000 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13



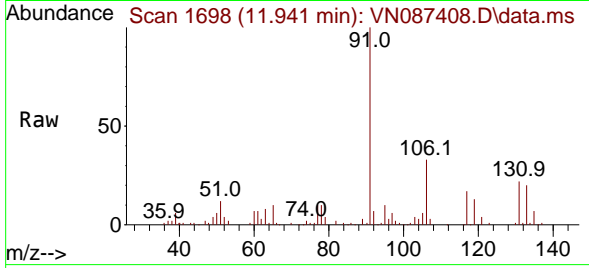
Tgt Ion:112 Resp: 87415
 Ion Ratio Lower Upper
 112 100
 114 34.7 24.0 36.0





#65
 1,1,1,2-Tetrachloroethane
 Concen: 19.189 ug/l
 RT: 11.941 min Scan# 1698
 Delta R.T. 0.006 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13

Instrument :
 MSVOA_N
Client Sample Id :
 VSTDCCC020

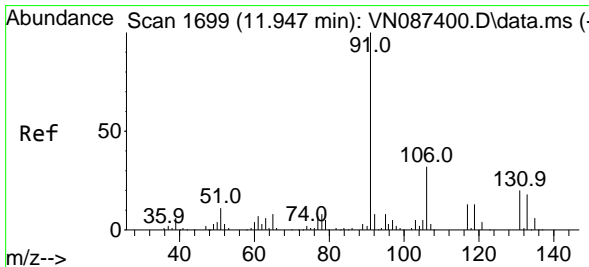
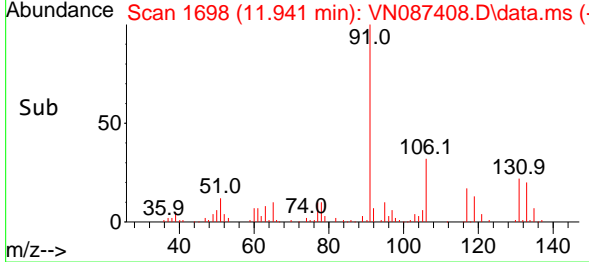
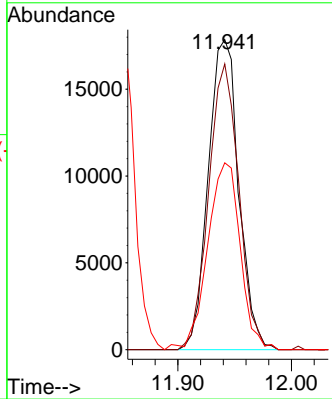


Tgt Ion:131 Resp: 33330
 Ion Ratio Lower Upper
 131 100
 133 91.4 0.0 193.0
 119 63.5 0.0 128.2

Manual Integrations
APPROVED

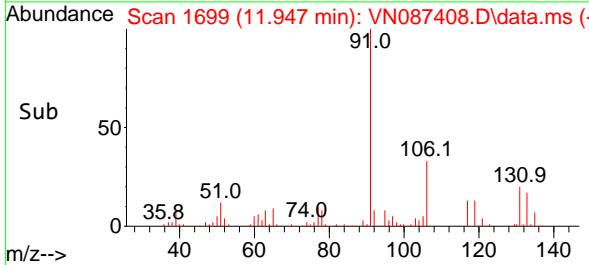
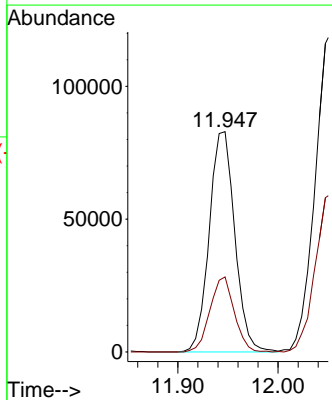
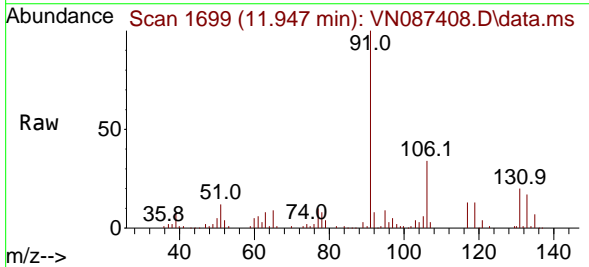
Reviewed By :John
 Carlone
 07/25/2025

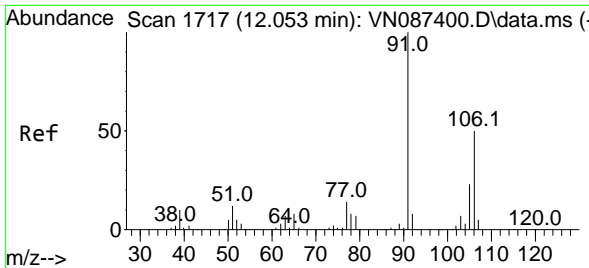
Supervised By :Mahesh
 Dadoda
 07/25/2025



#66
 Ethyl Benzene
 Concen: 18.276 ug/l
 RT: 11.947 min Scan# 1699
 Delta R.T. 0.000 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13

Tgt Ion: 91 Resp: 147102
 Ion Ratio Lower Upper
 91 100
 106 34.0 25.8 38.6





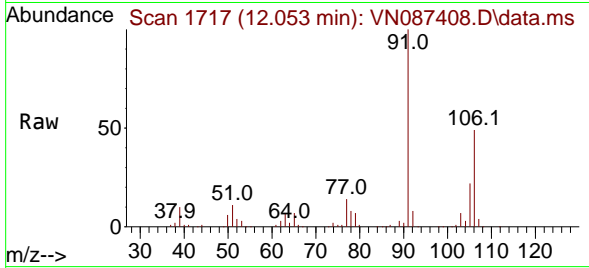
#67
 m/p-Xylenes
 Concen: 36.360 ug/l
 RT: 12.053 min Scan# 1717
 Delta R.T. 0.000 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020



Tgt Ion:106 Resp: 115810
 Ion Ratio Lower Upper
 106 100
 91 205.5 163.4 245.2

Manual Integrations

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Reviewed By :John

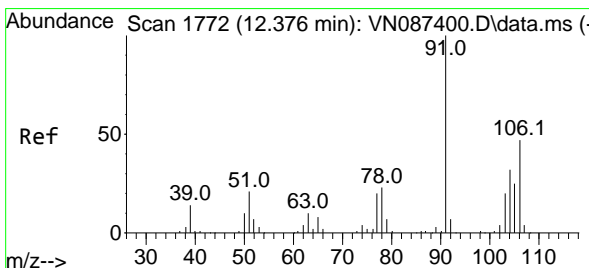
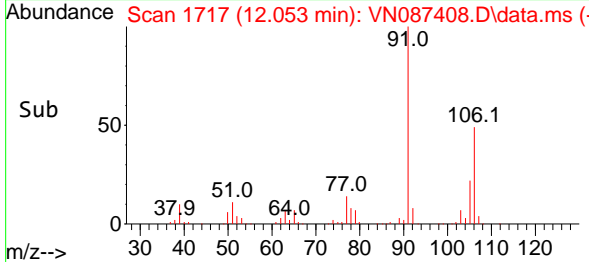
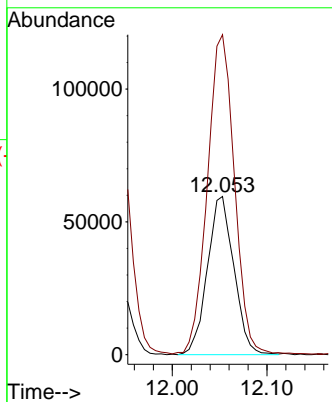
Carlone

07/25/2025

Supervised By :Mahesh

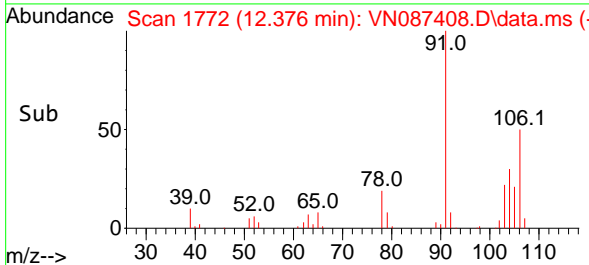
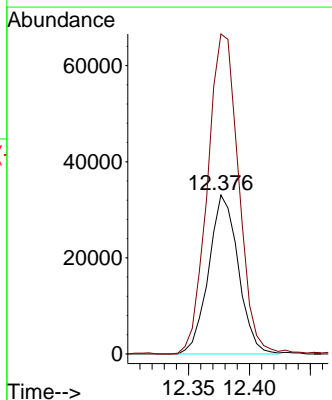
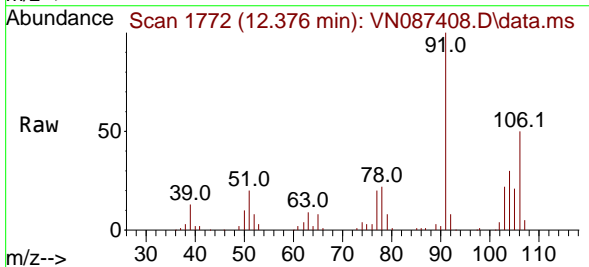
Dadoda

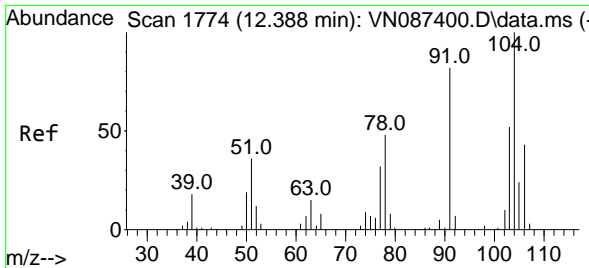
07/25/2025



#68
 o-Xylene
 Concen: 18.309 ug/l
 RT: 12.376 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13

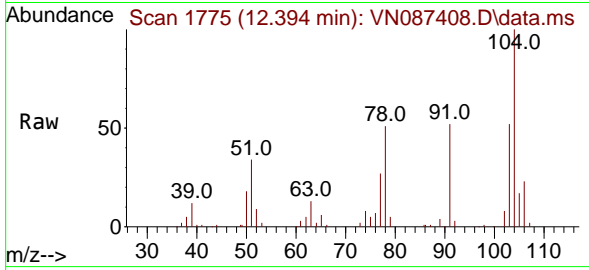
Tgt Ion:106 Resp: 55943
 Ion Ratio Lower Upper
 106 100
 91 212.3 106.6 319.8





#69
 Styrene
 Concen: 17.687 ug/l
 RT: 12.394 min Scan# 1775
 Delta R.T. 0.006 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13

Instrument :
 MSVOA_N
ClientSampleId :
 VSTDCCC020

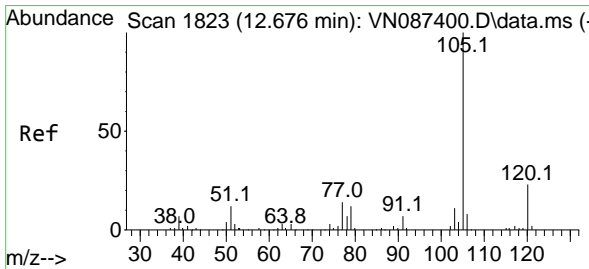
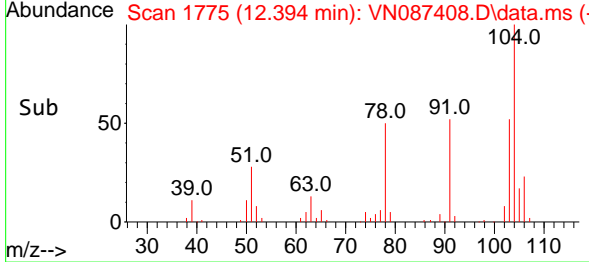
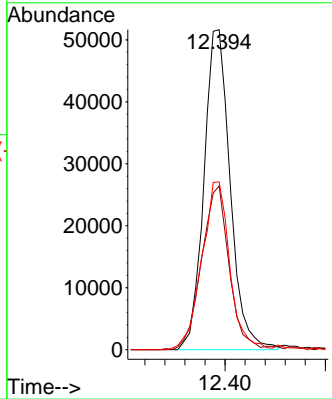


Tgt Ion:104 Resp: 94024
 Ion Ratio Lower Upper
 104 100
 78 53.2 40.7 61.1
 103 55.7 43.4 65.2

Manual Integrations
APPROVED

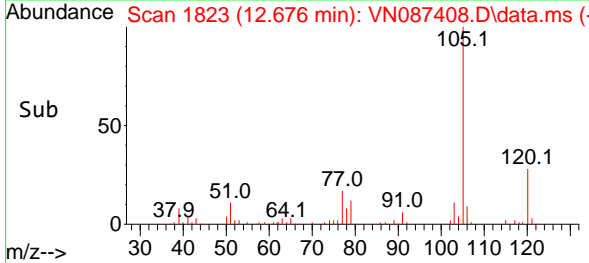
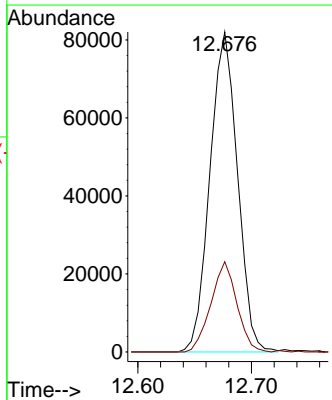
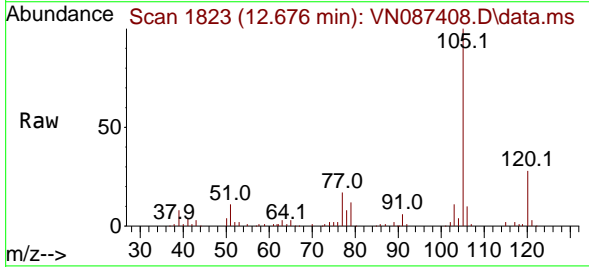
Reviewed By :John
 Carlone
 07/25/2025

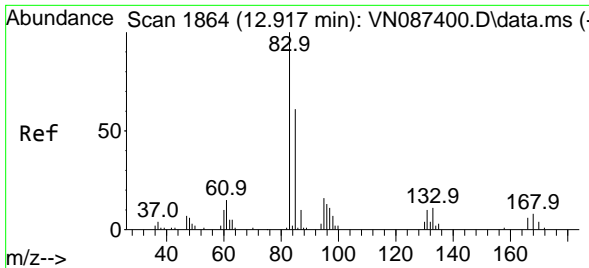
Supervised By :Mahesh
 Dadoda
 07/25/2025



#70
 Isopropylbenzene
 Concen: 17.981 ug/l
 RT: 12.676 min Scan# 1823
 Delta R.T. 0.000 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13

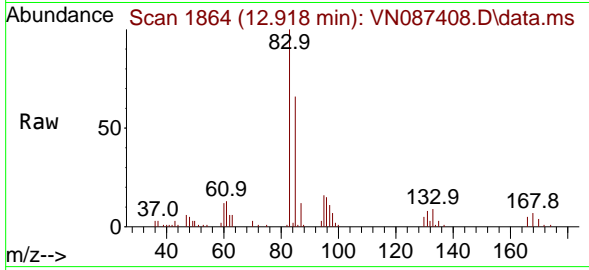
Tgt Ion:105 Resp: 138372
 Ion Ratio Lower Upper
 105 100
 120 26.5 17.6 32.6





#71
 1,1,2,2-Tetrachloroethane
 Concen: 18.829 ug/l
 RT: 12.918 min Scan# 1864
 Delta R.T. 0.000 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13

Instrument :
 MSVOA_N
ClientSampleId :
 VSTDCCC020

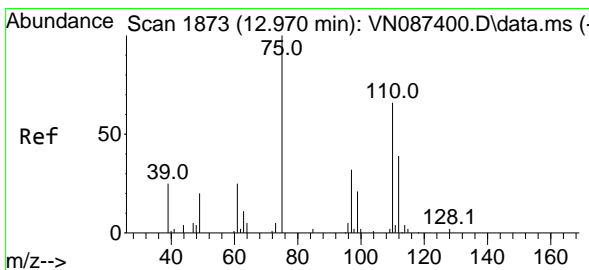
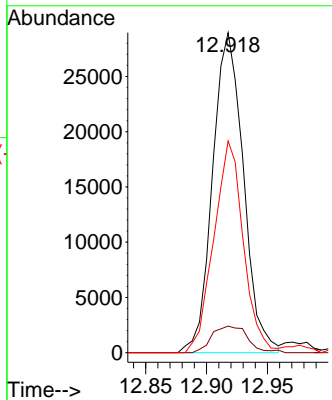
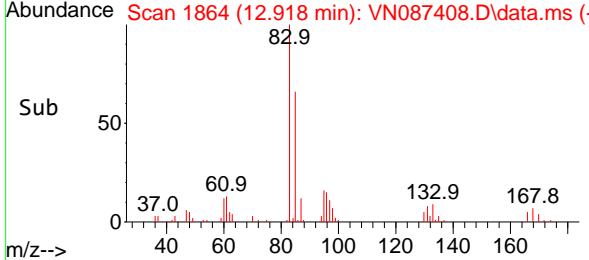


Tgt Ion: 83 Resp: 5097
 Ion Ratio Lower Upper
 83 100
 131 9.5 4.6 13.8
 85 63.4 30.6 91.6

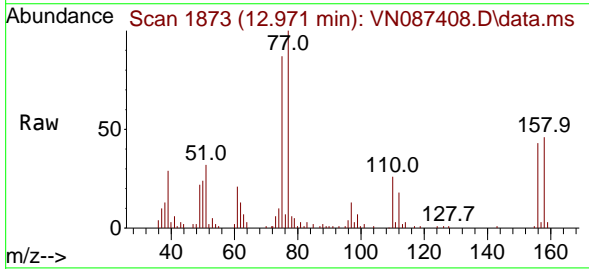
Manual Integrations
APPROVED

Reviewed By :John
 Carlone
 07/25/2025

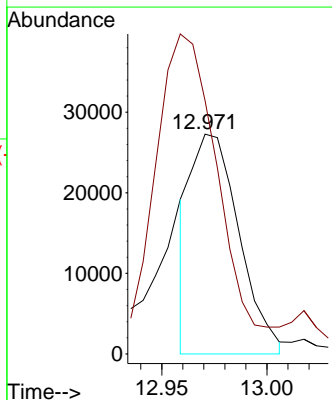
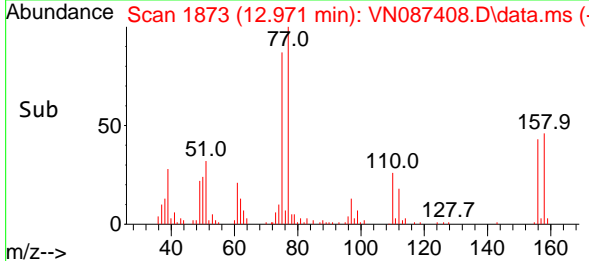
Supervised By :Mahesh
 Dadoda
 07/25/2025

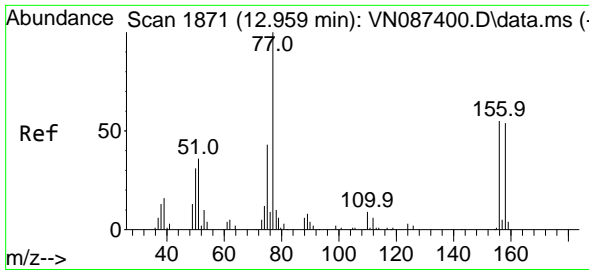


#72
 1,2,3-Trichloropropane
 Concen: 17.965 ug/l m
 RT: 12.971 min Scan# 1873
 Delta R.T. 0.000 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13



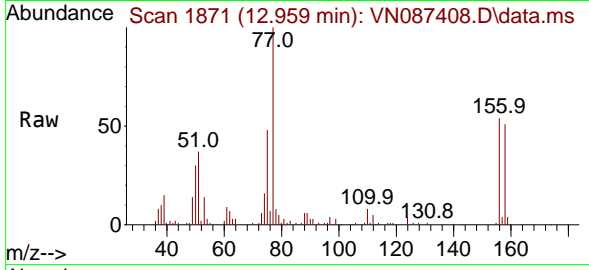
Tgt Ion: 75 Resp: 43446
 Ion Ratio Lower Upper
 75 100
 77 192.2 0.0 361.2





#73
 Bromobenzene
 Concen: 18.439 ug/l
 RT: 12.959 min Scan# 1871
 Delta R.T. 0.000 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13

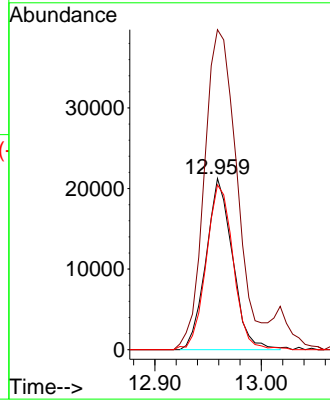
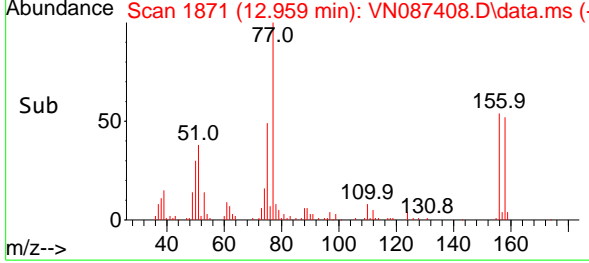
Instrument : MSVOA_N
 Client Sampled : VSTDC020



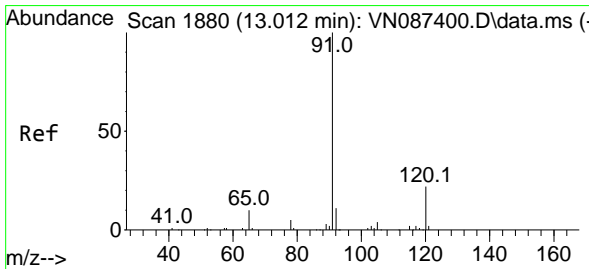
Tgt Ion: 156 Resp: 3693
 Ion Ratio Lower Upper
 156 100
 77 226.0 0.0 440.6
 158 96.9 0.0 195.0

Manual Integrations
 APPROVED

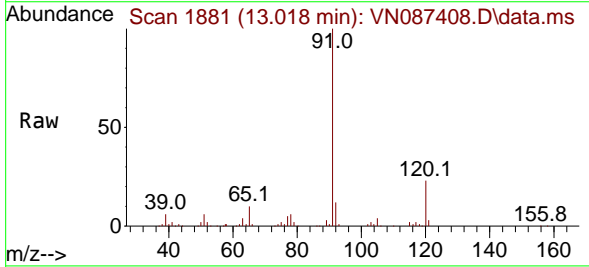
Reviewed By :John
 Carlone
 07/25/2025



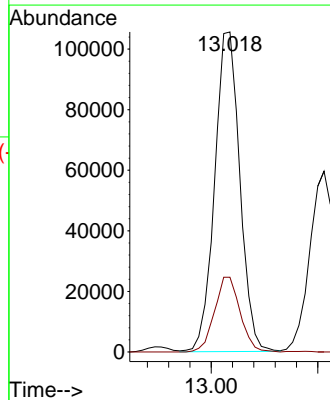
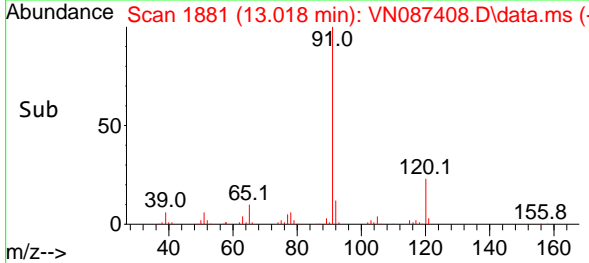
Supervised By :Mahesh
 Dadoda
 07/25/2025

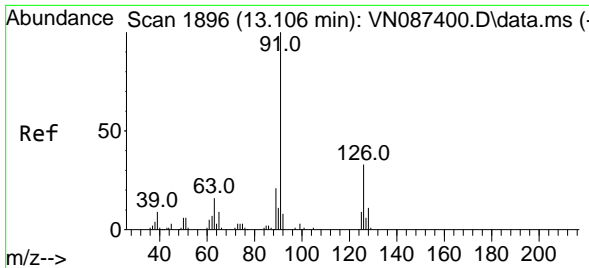


#74
 n-propylbenzene
 Concen: 17.822 ug/l
 RT: 13.018 min Scan# 1881
 Delta R.T. 0.006 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13



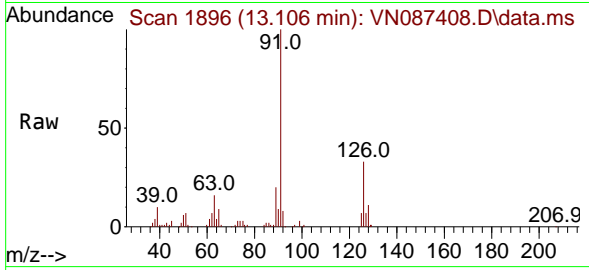
Tgt Ion: 91 Resp: 173189
 Ion Ratio Lower Upper
 91 100
 120 23.7 0.0 44.6





#75
 2-Chlorotoluene
 Concen: 17.538 ug/l
 RT: 13.106 min Scan# 1896
 Delta R.T. 0.000 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13

Instrument :
 MSVOA_N
ClientSampleId :
 VSTDCCC020

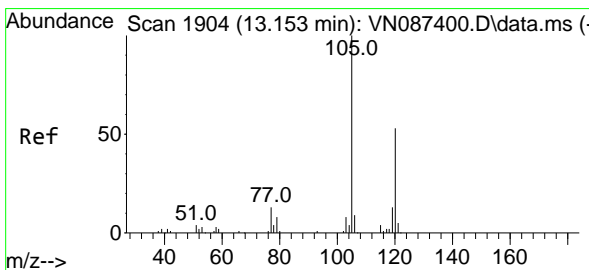
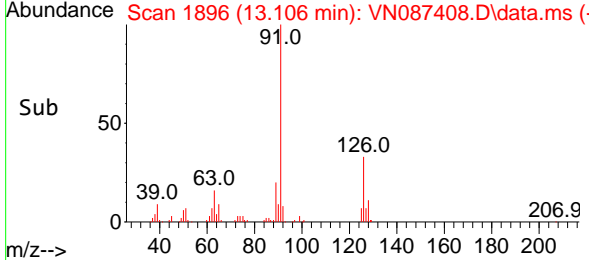
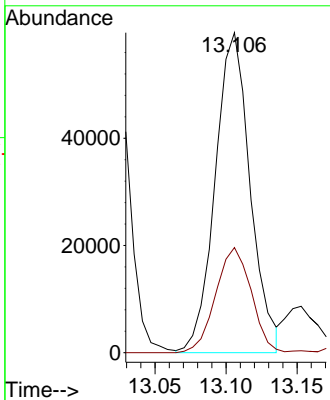


Tgt Ion: 91 Resp: 102359
 Ion Ratio Lower Upper
 91 100
 126 33.2 0.0 65.4

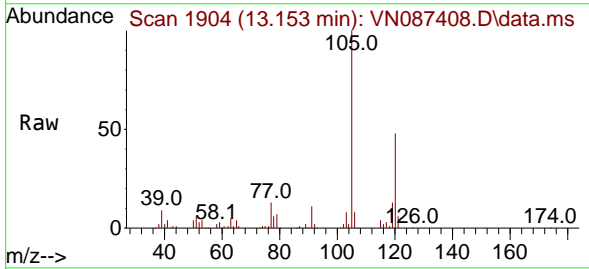
Manual Integrations
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Reviewed By :John
 Carlone
 07/25/2025

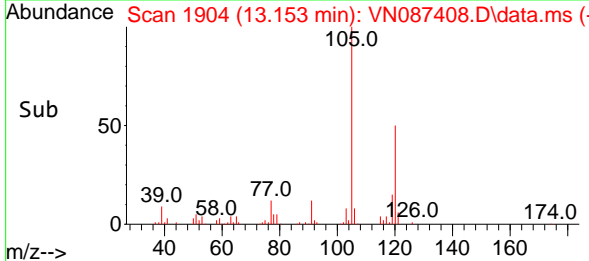
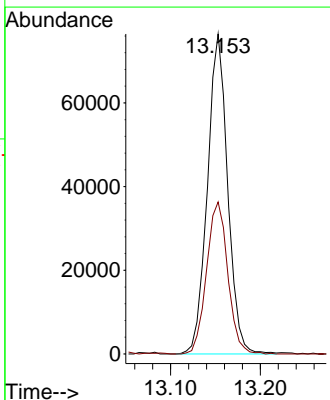
Supervised By :Mahesh
 Dadoda
 07/25/2025

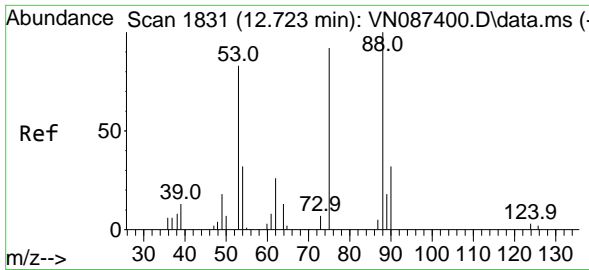


#76
 1,3,5-Trimethylbenzene
 Concen: 17.929 ug/l
 RT: 13.153 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13



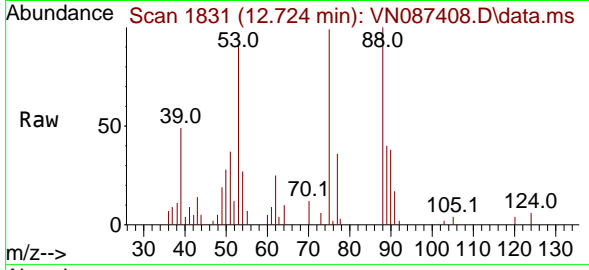
Tgt Ion:105 Resp: 120006
 Ion Ratio Lower Upper
 105 100
 120 49.5 0.0 97.4





#77
 t-1,4-Dichloro-2-butene
 Concen: 15.893 ug/l
 RT: 12.724 min Scan# 1831
 Delta R.T. 0.000 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13

Instrument :
 MSVOA_N
ClientSampleId :
 VSTDCCC020

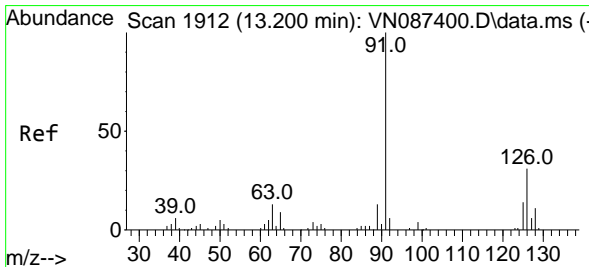
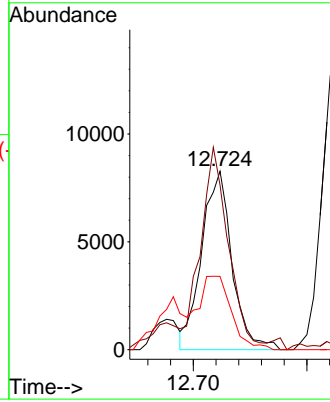
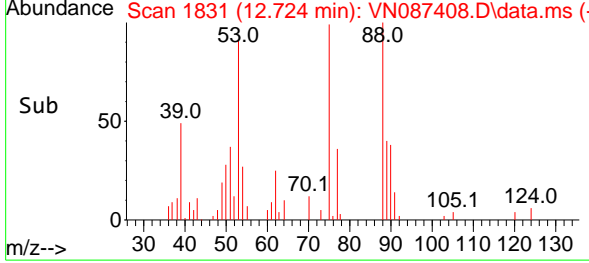


Tgt Ion: 75 Resp: 1536
 Ion Ratio Lower Upper
 75 100
 53 85.5 44.0 131.8
 89 41.1 17.0 50.9

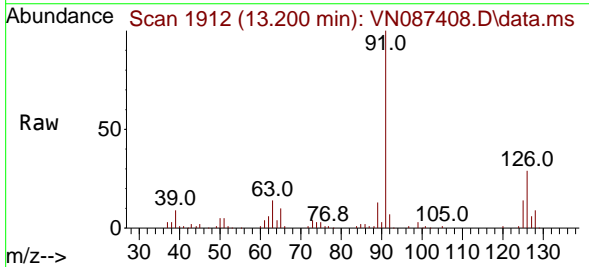
Manual Integrations
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Reviewed By :John
 Carlone
 07/25/2025

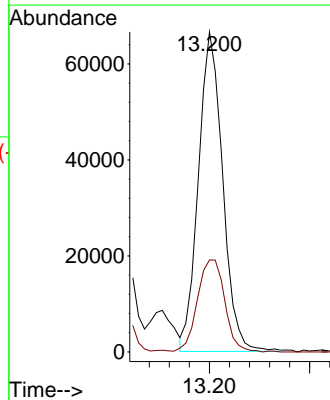
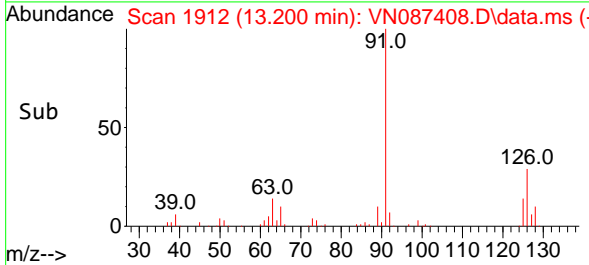
Supervised By :Mahesh
 Dadoda
 07/25/2025

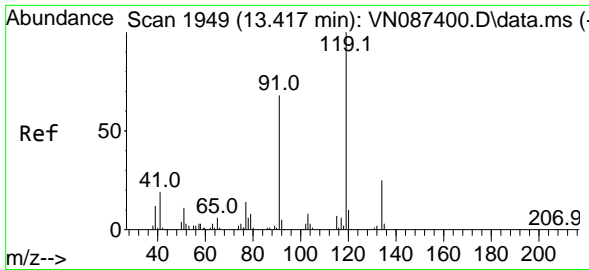


#78
 4-Chlorotoluene
 Concen: 18.005 ug/l
 RT: 13.200 min Scan# 1912
 Delta R.T. 0.000 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13



Tgt Ion: 91 Resp: 112080
 Ion Ratio Lower Upper
 91 100
 126 32.4 0.0 66.6





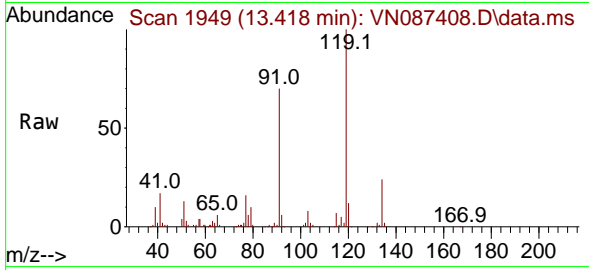
#79
 tert-butylbenzene
 Concen: 17.652 ug/l
 RT: 13.418 min Scan# 1949
 Delta R.T. 0.000 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDC020



Tgt Ion:119 Resp: 10034
 Ion Ratio Lower Upper
 119 100
 91 67.8 0.0 134.8
 134 24.2 0.0 52.0

Manual Integrations

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Reviewed By :John

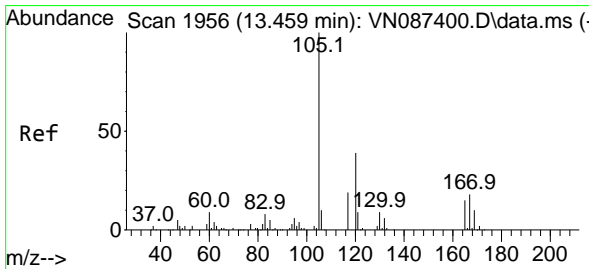
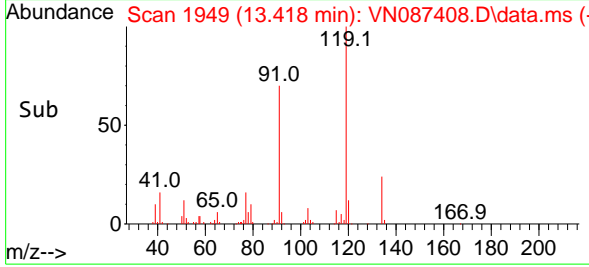
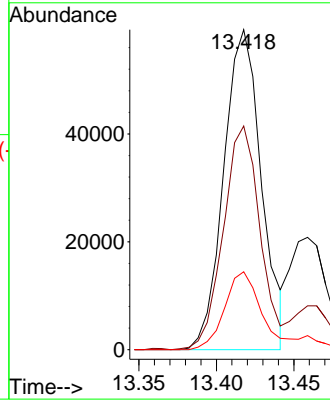
Carlone

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Supervised By :Mahesh

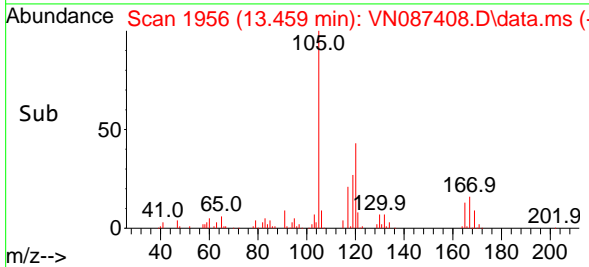
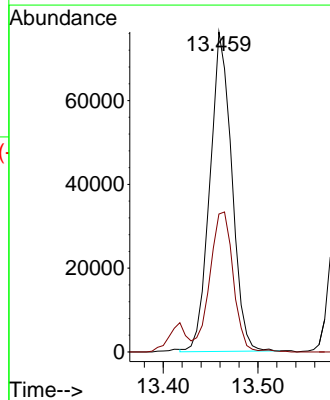
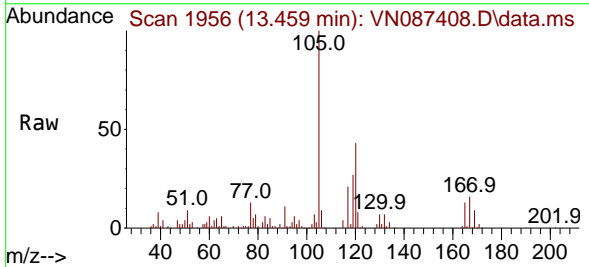
Dadoda

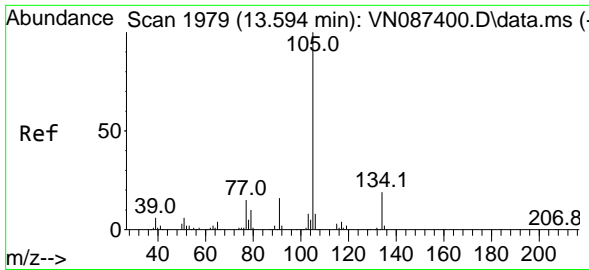
07/25/2025



#80
 1,2,4-Trimethylbenzene
 Concen: 17.891 ug/l
 RT: 13.459 min Scan# 1956
 Delta R.T. 0.000 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13

Tgt Ion:105 Resp: 122251
 Ion Ratio Lower Upper
 105 100
 120 46.6 0.0 93.6





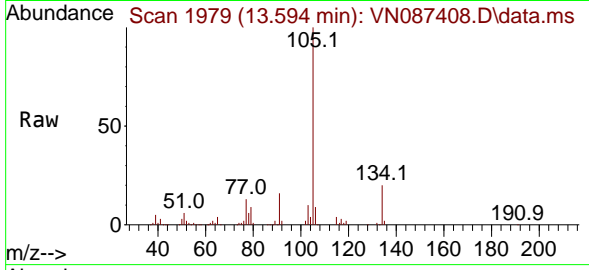
#81
 sec-Butylbenzene
 Concen: 18.136 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020



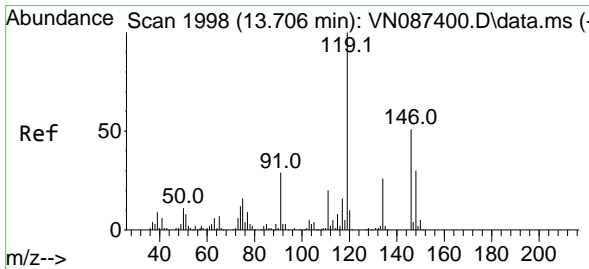
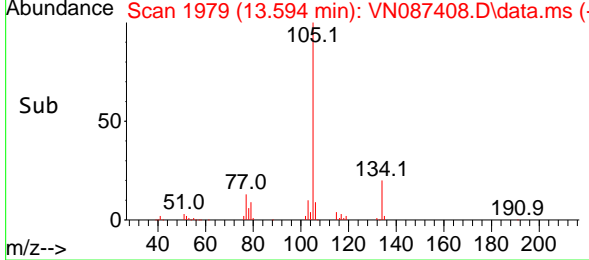
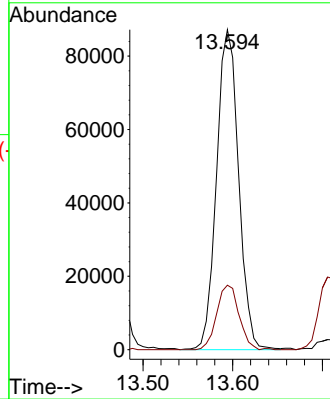
Tgt Ion:105 Resp: 14879
 Ion Ratio Lower Upper
 105 100
 134 20.3 0.0 39.6

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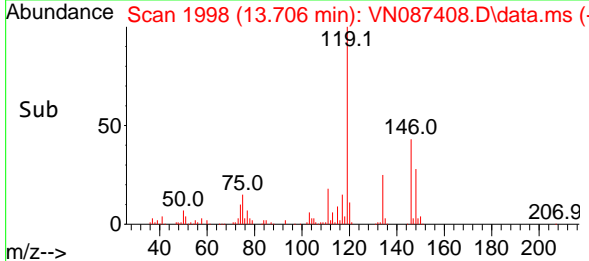
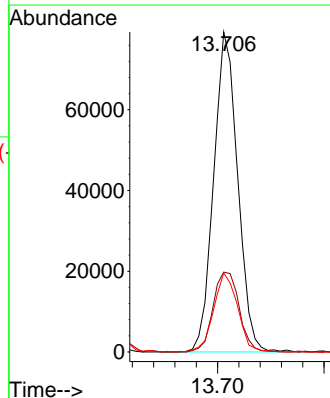
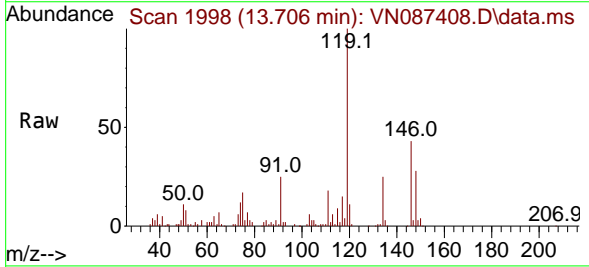
Reviewed By :John
 Carlone
 07/25/2025

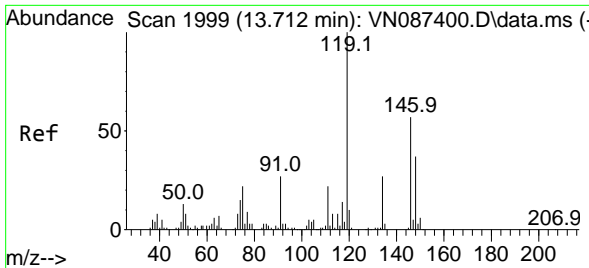
Supervised By :Mahesh
 Dadoda
 07/25/2025



#82
 p-Isopropyltoluene
 Concen: 17.570 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13

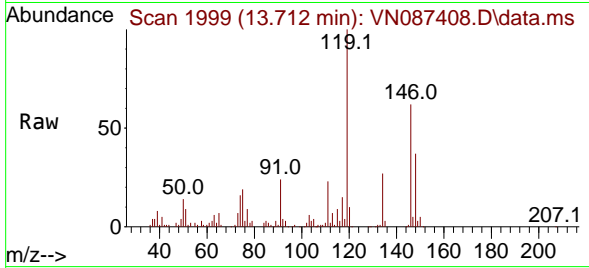
Tgt Ion:119 Resp: 123715
 Ion Ratio Lower Upper
 119 100
 134 27.1 0.0 51.8
 91 24.7 0.0 54.2





#83
 1,3-Dichlorobenzene
 Concen: 18.131 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13

Instrument : MSVOA_N
 Client Sample Id : VSTDC020



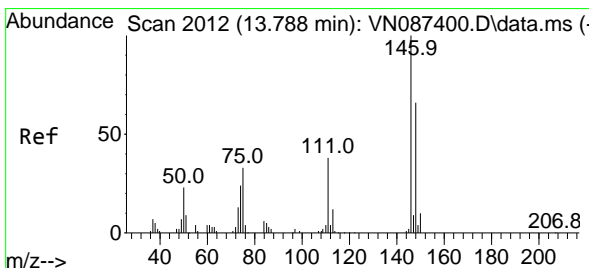
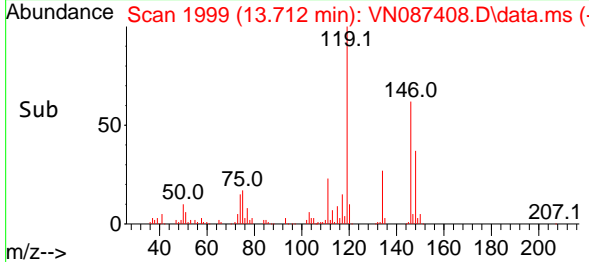
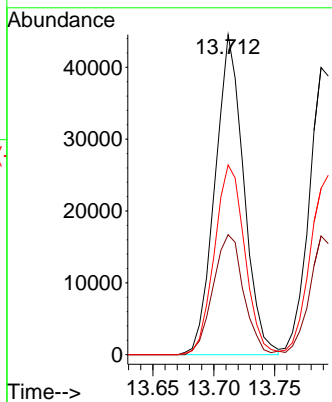
Tgt Ion:146 Resp: 73172

Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.2	60.6
148	62.6	31.7	95.1

Manual Integrations
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Reviewed By :John
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 07/25/2025

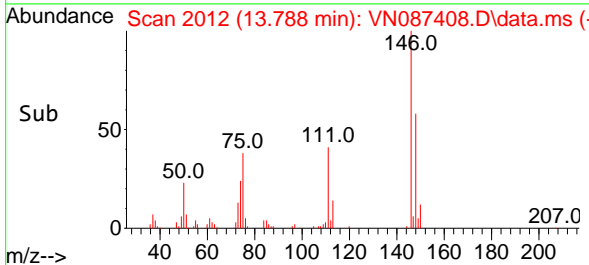
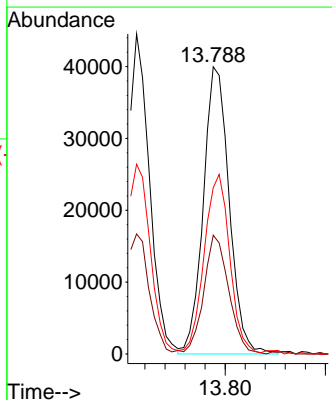
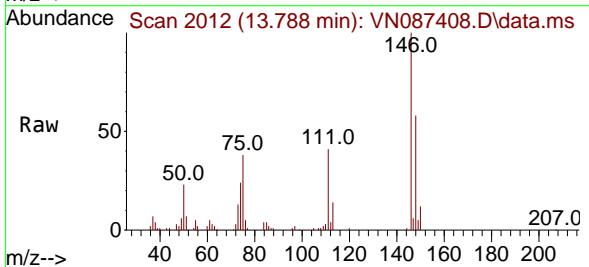
Supervised By :Mahesh
 Dadoda
 07/25/2025

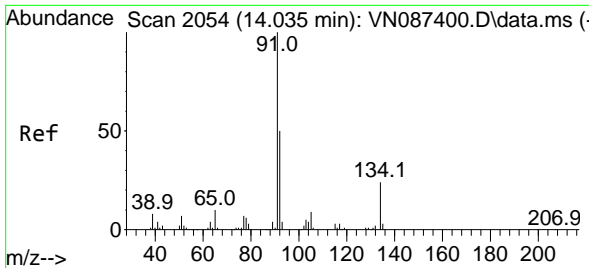


#84
 1,4-Dichlorobenzene
 Concen: 18.028 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. 0.000 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13

Tgt Ion:146 Resp: 71813

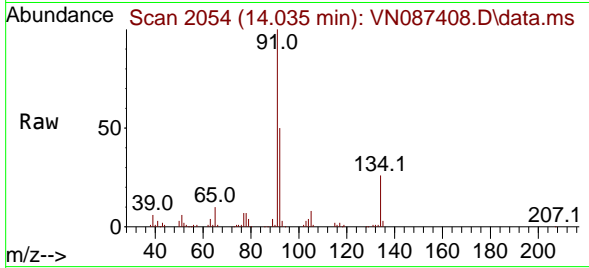
Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.4	58.1
148	61.9	32.4	97.2





#85
 n-Butylbenzene
 Concen: 17.339 ug/l
 RT: 14.035 min Scan# 2054
 Delta R.T. 0.000 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13

Instrument :
 MSVOA_N
 Client Sampled :
 VSTDCCC020

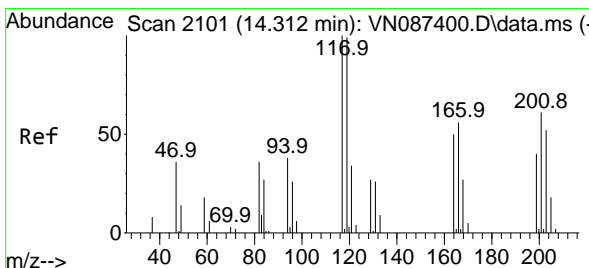
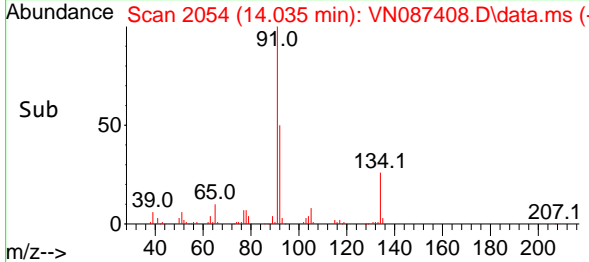
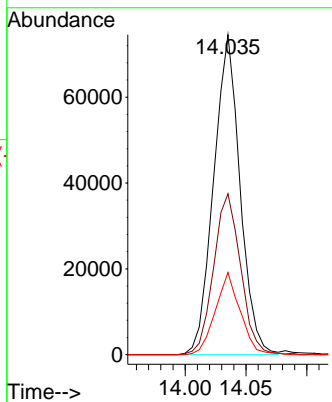


Tgt Ion: 91 Resp: 112440
 Ion Ratio Lower Upper
 91 100
 92 51.4 0.0 101.4
 134 24.3 0.0 48.6

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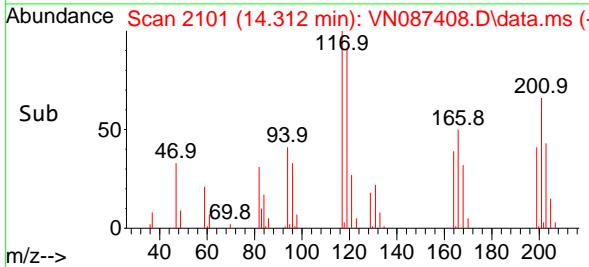
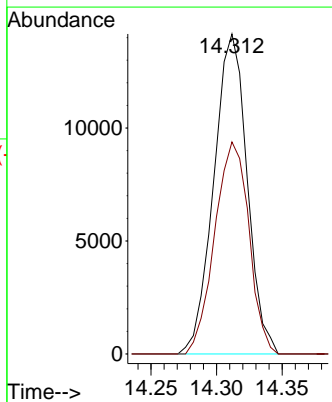
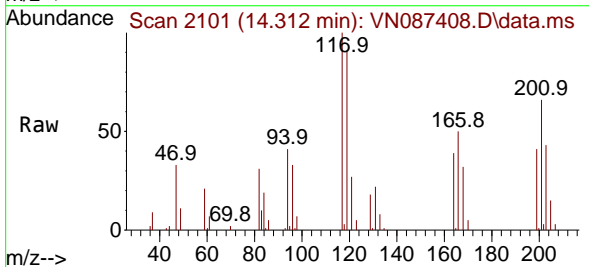
Reviewed By :John
 Carlone
 07/25/2025

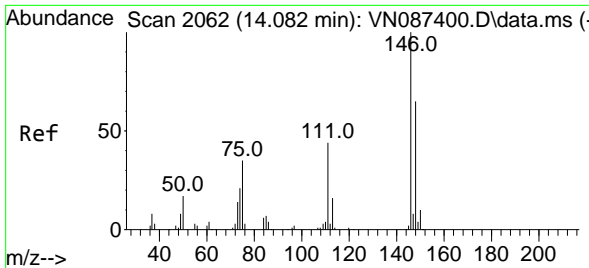
Supervised By :Mahesh
 Dadoda
 07/25/2025



#86
 Hexachloroethane
 Concen: 18.270 ug/l
 RT: 14.312 min Scan# 2101
 Delta R.T. 0.000 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13

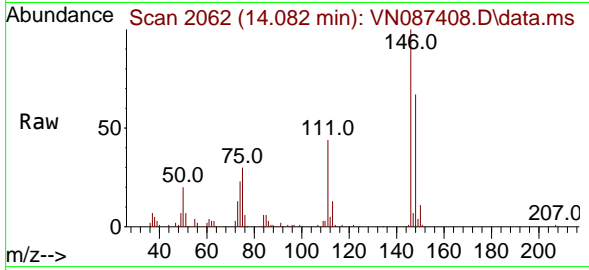
Tgt Ion: 117 Resp: 25034
 Ion Ratio Lower Upper
 117 100
 201 68.0 34.2 102.5





#87
 1,2-Dichlorobenzene
 Concen: 17.731 ug/l
 RT: 14.082 min Scan# 2062
 Delta R.T. 0.000 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13

Instrument : MSVOA_N
 Client Sampled : VSTDCCC020

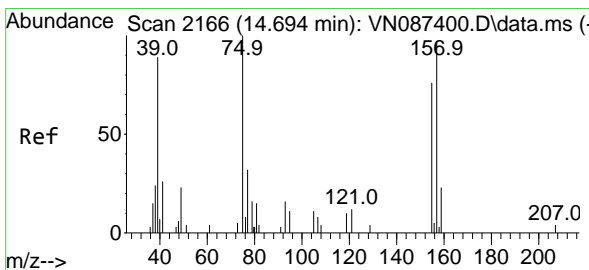
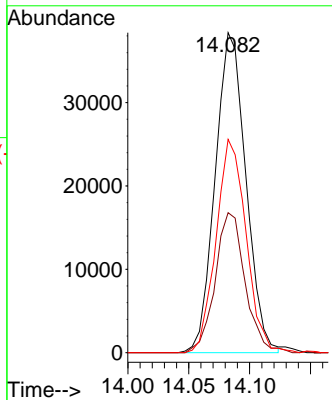
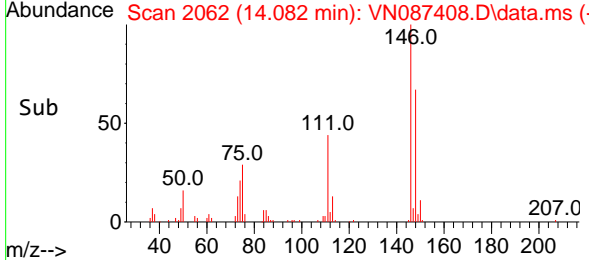


Tgt Ion: 146 Resp: 67374
 Ion Ratio Lower Upper
 146 100
 111 42.7 21.9 65.8
 148 64.9 31.2 93.6

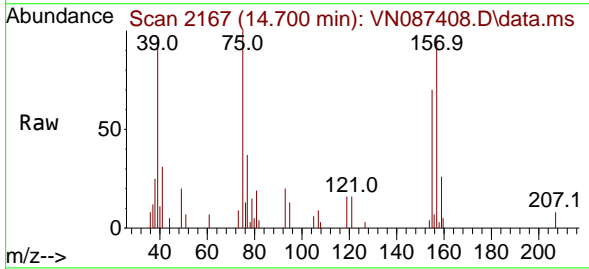
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Reviewed By : John
 Carlone
 07/25/2025

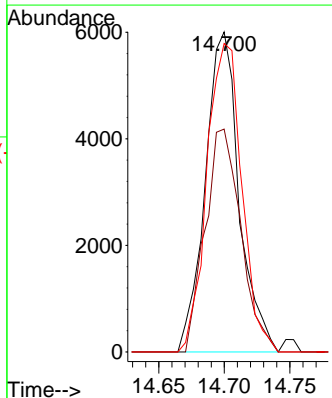
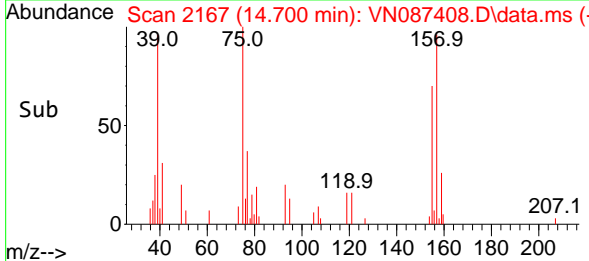
Supervised By : Mahesh
 Dadoda
 07/25/2025

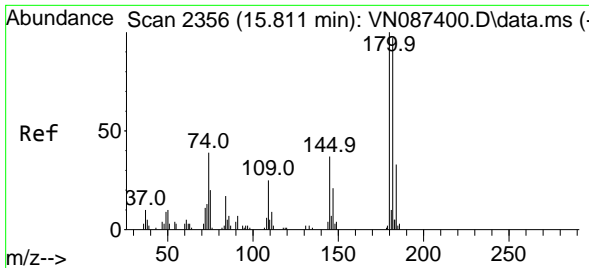


#88
 1,2-Dibromo-3-Chloropropane
 Concen: 17.139 ug/l
 RT: 14.700 min Scan# 2167
 Delta R.T. 0.006 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13



Tgt Ion: 75 Resp: 10795
 Ion Ratio Lower Upper
 75 100
 155 73.6 61.3 91.9
 157 99.4 85.5 128.3





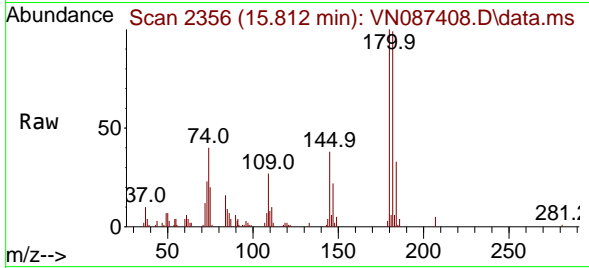
#89
 1,2,4-Trichlorobenzene
 Concen: 17.926 ug/l
 RT: 15.812 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020



Tgt Ion:180 Resp: 3929
 Ion Ratio Lower Upper
 180 100
 182 94.8 74.2 111.2
 145 33.0 29.3 43.9

Manual Integrations

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Reviewed By :John

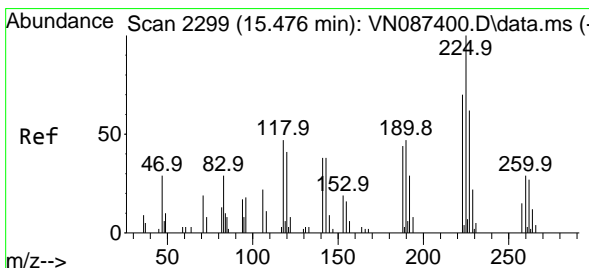
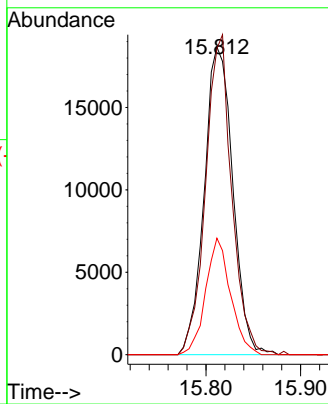
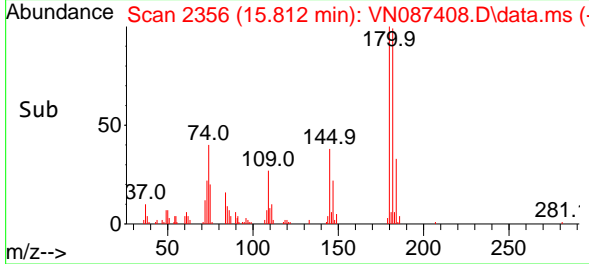
Carlone

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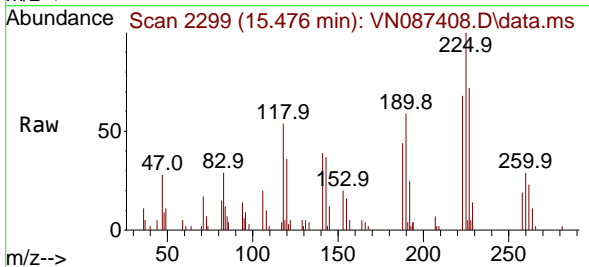
Supervised By :Mahesh

Dadoda

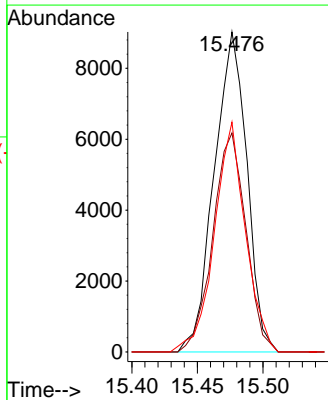
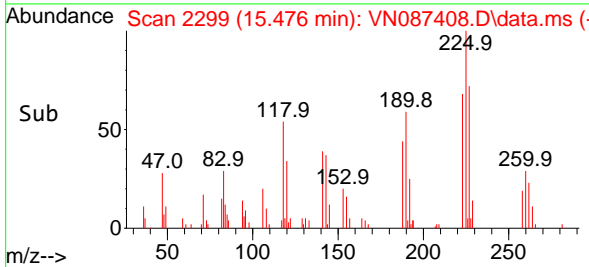
07/25/2025

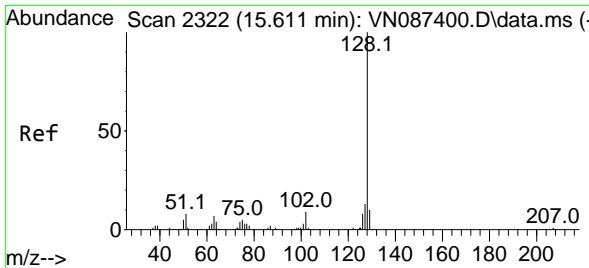


#90
 Hexachlorobutadiene
 Concen: 17.277 ug/l
 RT: 15.476 min Scan# 2299
 Delta R.T. 0.000 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13



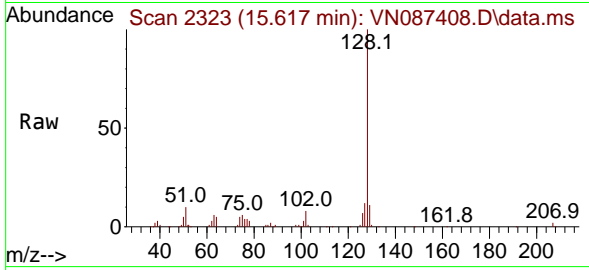
Tgt Ion:225 Resp: 15620
 Ion Ratio Lower Upper
 225 100
 223 69.2 0.0 125.2
 227 68.3 0.0 122.4





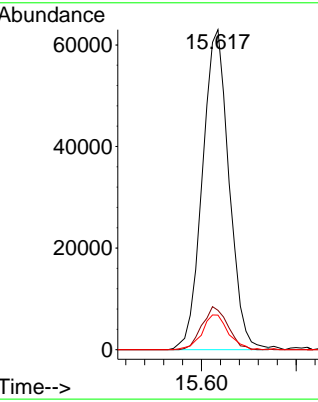
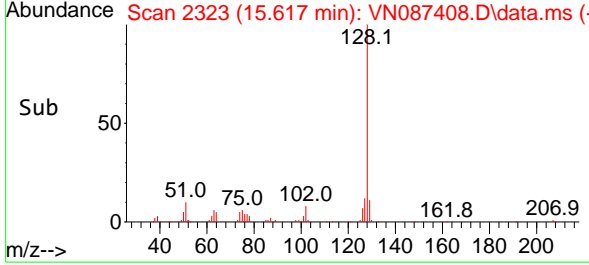
#91
 Naphthalene
 Concen: 16.874 ug/l
 RT: 15.617 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13

Instrument : MSVOA_N
 Client Sample Id : VSTDC020

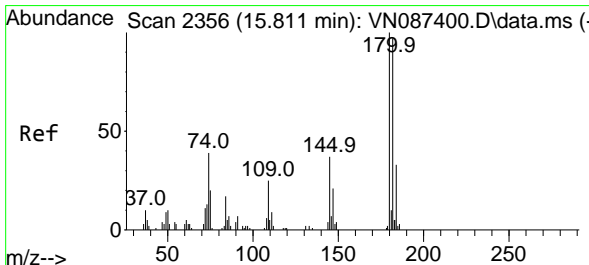


Tgt Ion:128 Resp: 12310
 Ion Ratio Lower Upper
 128 100
 127 13.0 10.7 16.1
 129 10.6 9.0 13.4

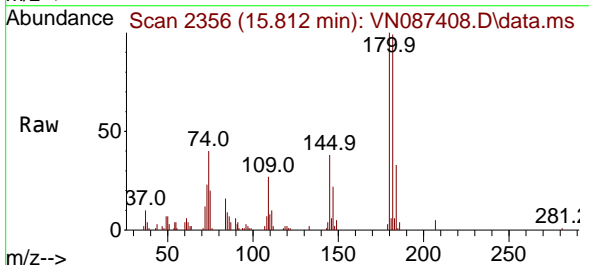
Manual Integrations
APPROVED
 Reviewed By :John
 Carlone
 07/25/2025



Supervised By :Mahesh
 Dadoda
 07/25/2025



#92
 1,2,3-Trichlorobenzene
 Concen: 17.926 ug/l
 RT: 15.812 min Scan# 2356
 Delta R.T. 0.000 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13



Tgt Ion:180 Resp: 39293
 Ion Ratio Lower Upper
 180 100
 182 94.8 0.0 185.4
 145 33.0 0.0 73.2

