

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073025\
 Data File : VN087438.D
 Acq On : 30 Jul 2025 09:57
 Operator : JC\MD
 Sample : VN0730WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0730WBS01

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

07/31/2025
 Supervised By :Mahesh
 Dadoda

Quant Time: Jul 31 01:12:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072825W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jul 28 11:35:47 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	D
-----							07
Internal Standards							
1) Bromochloromethane	7.800	128	49112	30.000	ug/l	0.00	
28) 1,4-Difluorobenzene	9.089	114	271089	30.000	ug/l	0.00	
57) Chlorobenzene-d5	11.847	117	246291	30.000	ug/l	0.00	
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	8.559	65	116642	31.059	ug/l	0.00	
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.533%	
60) 4-Bromofluorobenzene	12.829	95	116180	28.726	ug/l	0.00	
Spiked Amount	30.000	Range	63 - 112	Recovery	=	95.767%	
63) Toluene-d8	10.547	98	340245	30.082	ug/l	0.00	
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.267%	
Target Compounds						Qvalue	
2) Dichlorodifluoromethane	2.142	85	55856	19.493	ug/l		97
3) Chloromethane	2.383	50	59897	19.691	ug/l		100
4) Vinyl Chloride	2.542	62	58308	18.946	ug/l		99
5) Bromomethane	2.983	94	29324	19.539	ug/l		92
6) Chloroethane	3.142	64	36492	21.023	ug/l		97
7) Trichlorofluoromethane	3.512	101	79493	20.531	ug/l		91
8) Diethyl Ether	3.959	74	36526	22.603	ug/l		99
9) 1,1,2-Trichlorotrifluo...	4.359	101	43110m	20.411	ug/l		
10) 1,1-Dichloroethene	4.342	96	43877	20.883	ug/l		94
11) Methyl Iodide	4.577	142	28500	14.981	ug/l		91
12) Methyl Acetate	5.012	43	99268	21.669	ug/l		99
13) Acrolein	4.171	56	50220	134.418	ug/l		96
14) Acrylonitrile	5.706	53	200441	100.904	ug/l		99
15) Acetone	4.418	58	56201m	122.070	ug/l		
16) Carbon Disulfide	4.695	76	128474	17.206	ug/l		99
17) Allyl chloride	5.018	41	90664	18.520	ug/l		97
18) Methylene Chloride	5.259	84	59682	18.868	ug/l		92
19) trans-1,2-Dichloroethene	5.765	96	53359	17.877	ug/l		98
20) Diisopropyl ether	6.665	45	221177	19.858	ug/l		97
21) 1,1-Dichloroethane	6.559	63	110956	19.655	ug/l		98
22) cis-1,2-Dichloroethene	7.471	96	67924	18.723	ug/l		99
23) tert-Butyl Alcohol	5.530	59	80490	104.539	ug/l		100
24) Methyl tert-Butyl Ether	5.783	73	205911	19.754	ug/l		98
25) Chloroform	7.953	83	112293	19.703	ug/l		93
26) Cyclohexane	8.242	56	90697	17.396	ug/l	#	93
29) 1,1-Dichloropropene	8.353	75	71058	18.464	ug/l		97
30) 2-Butanone	7.471	43	297647	106.752	ug/l		99
31) 2,2-Dichloropropane	7.477	77	95585	19.933	ug/l		97
32) 1,1,1-Trichloroethane	8.153	97	85774	18.543	ug/l		98
33) Carbon Tetrachloride	8.347	117	69921	18.331	ug/l		89
34) Benzene	8.589	78	245758	19.525	ug/l		98
35) Methacrylonitrile	7.771	41	64452	20.179	ug/l		97
36) 1,2-Dichloroethane	8.653	62	83679	19.976	ug/l	#	92
37) Trichloroethene	9.336	130	52219	18.175	ug/l	#	79
38) Methylcyclohexane	9.583	83	87308	17.590	ug/l		97
39) 1,2-Dichloropropane	9.600	63	61914	19.538	ug/l		92
40) Dibromomethane	9.689	93	44055	19.598	ug/l		98
41) Bromodichloromethane	9.871	83	90515	20.007	ug/l		95
42) Vinyl Acetate	6.595	43	1045165	111.388	ug/l		96

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Manual Integrations
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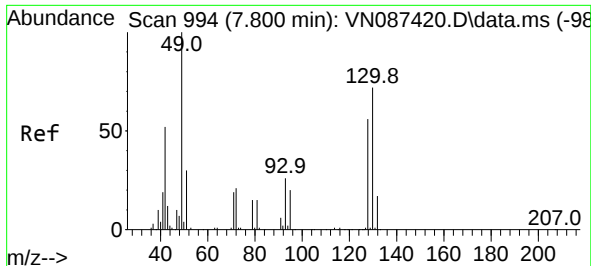
Reviewed By :John
 Carlone

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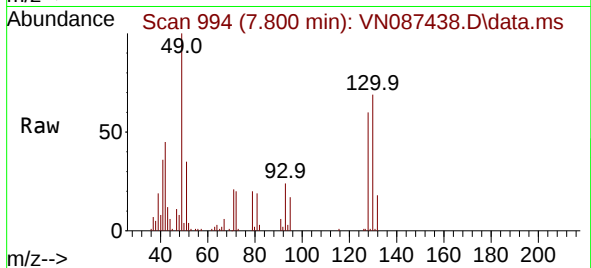
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
43) Ethyl Acetate	7.547	43	113032	19.775	ug/l	#	67
44) Isopropyl Acetate	8.671	43	196705	21.542	ug/l		92
45) 1,4-Dioxane	9.683	88	25213	435.179	ug/l		96
46) Methyl methacrylate	9.665	41	89192	20.978	ug/l		95
47) n-amyl Acetate	12.530	43	68970m	18.321	ug/l		
48) t-1,3-Dichloropropene	10.818	75	102545	20.134	ug/l		98
49) cis-1,3-Dichloropropene	10.294	75	103474	19.344	ug/l		94
50) 1,1,2-Trichloroethane	11.000	97	61484	20.548	ug/l		97
51) Ethyl methacrylate	10.859	69	106582	19.668	ug/l		94
52) 1,3-Dichloropropane	11.147	76	106517	20.597	ug/l		98
53) Dibromochloromethane	11.341	129	67198	19.579	ug/l		97
54) 1,2-Dibromoethane	11.453	107	62459	19.838	ug/l		97
55) 2-Chloroethyl vinyl ether	10.141	63	307484	138.008	ug/l		99
56) Bromoform	12.559	173	45997	19.098	ug/l		98
58) 4-Methyl-2-Pentanone	10.430	43	598355	107.858	ug/l		98
59) 2-Hexanone	11.183	43	396291	103.079	ug/l		98
61) Tetrachloroethene	11.083	164	42271	18.077	ug/l		94
62) Toluene	10.612	91	265234	19.082	ug/l		100
64) Chlorobenzene	11.877	112	161138	18.851	ug/l		96
65) 1,1,1,2-Tetrachloroethane	11.941	131	57380	19.796	ug/l		98
66) Ethyl Benzene	11.941	91	288027	18.966	ug/l		100
67) m/p-Xylenes	12.053	106	213320	37.489	ug/l		98
68) o-Xylene	12.377	106	107584	19.321	ug/l		97
69) Styrene	12.394	104	182419	19.152	ug/l		98
70) Isopropylbenzene	12.677	105	272570	19.061	ug/l		98
71) 1,1,2,2-Tetrachloroethane	12.918	83	96360	19.761	ug/l		99
72) 1,2,3-Trichloropropane	12.977	75	82734m	18.653	ug/l		
73) Bromobenzene	12.959	156	65156	19.610	ug/l		95
74) n-propylbenzene	13.018	91	340238	19.271	ug/l		97
75) 2-Chlorotoluene	13.106	91	201268	19.208	ug/l		100
76) 1,3,5-Trimethylbenzene	13.153	105	225695	19.051	ug/l		97
77) t-1,4-Dichloro-2-butene	12.718	75	33368	17.729	ug/l		94
78) 4-Chlorotoluene	13.200	91	205233	19.074	ug/l		99
79) tert-butylbenzene	13.418	119	188402	18.409	ug/l		98
80) 1,2,4-Trimethylbenzene	13.459	105	225466	19.180	ug/l		98
81) sec-Butylbenzene	13.594	105	284356	18.705	ug/l		99
82) p-Isopropyltoluene	13.712	119	235598	19.094	ug/l		100
83) 1,3-Dichlorobenzene	13.712	146	121415	19.310	ug/l		99
84) 1,4-Dichlorobenzene	13.788	146	122695	18.660	ug/l		98
85) n-Butylbenzene	14.035	91	233841	18.818	ug/l		98
86) Hexachloroethane	14.312	117	46491	18.552	ug/l		94
87) 1,2-Dichlorobenzene	14.088	146	120173	19.660	ug/l		97
88) 1,2-Dibromo-3-Chloropr...	14.694	75	21882	19.442	ug/l		94
89) 1,2,4-Trichlorobenzene	15.812	180	67898	18.212	ug/l		97
90) Hexachlorobutadiene	15.476	225	23513	16.565	ug/l		93
91) Naphthalene	15.618	128	268427	19.050	ug/l		99
92) 1,2,3-Trichlorobenzene	15.812	180	67898	18.212	ug/l		97

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01



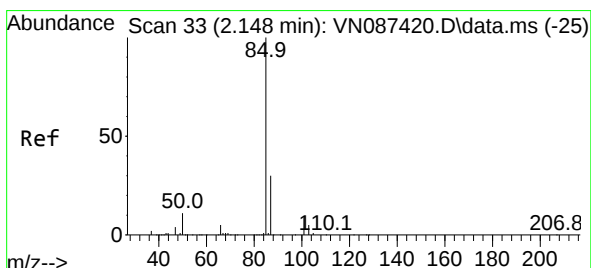
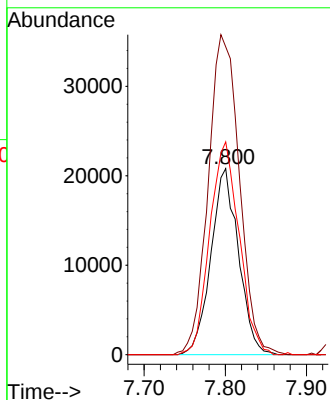
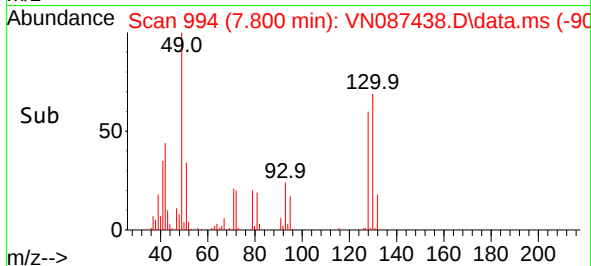
Tgt Ion:128 Resp: 4911
Ion Ratio Lower Upper
128 100
49 194.5 0.0 457.3
130 122.4 0.0 316.0

Manual Integrations
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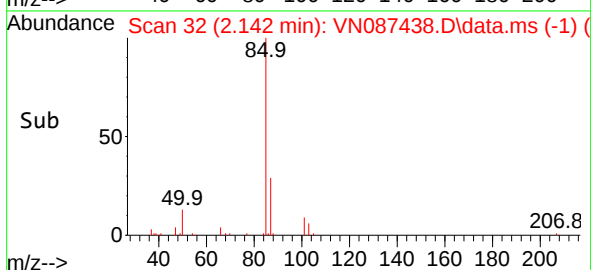
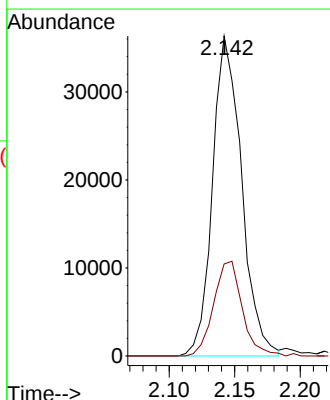
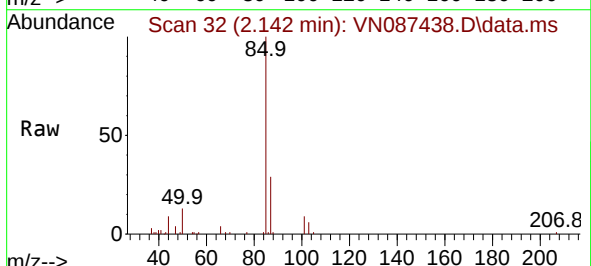
07/31/2025
Supervised By :Mahesh
Dadoda

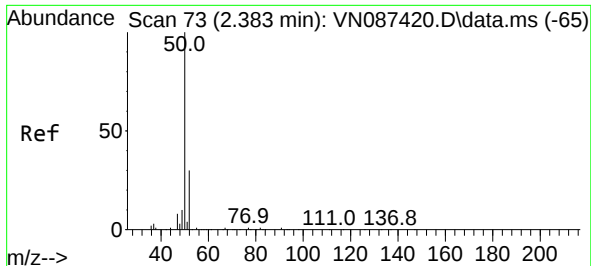
07/31/2025



#2
Dichlorodifluoromethane
Concen: 19.493 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.006 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

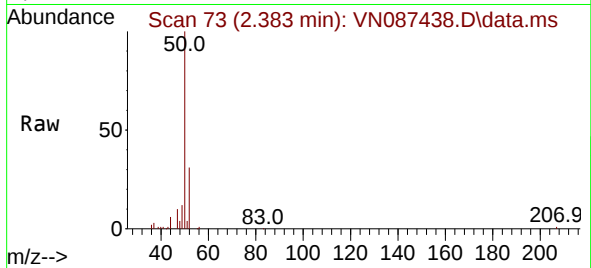
Tgt Ion: 85 Resp: 55856
Ion Ratio Lower Upper
85 100
87 28.7 15.0 45.1





#3
Chloromethane
Concen: 19.691 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01



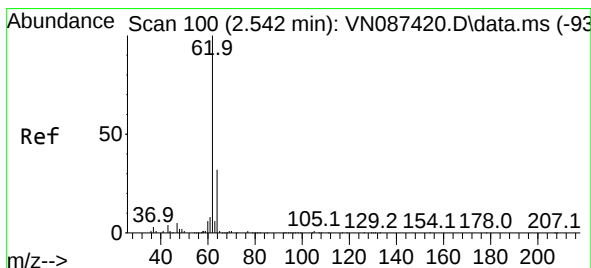
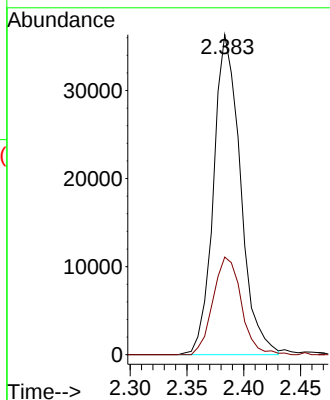
Tgt Ion: 50 Resp: 5989
Ion Ratio Lower Upper
50 100
52 30.5 24.3 36.5

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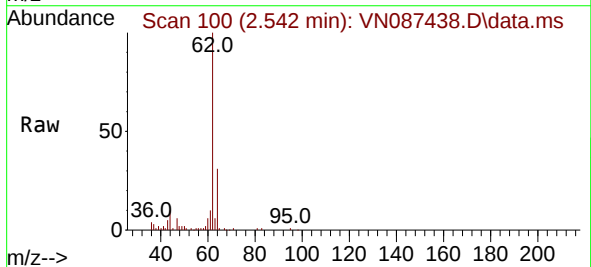
Reviewed By :John
Carlone

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Supervised By :Mahesh
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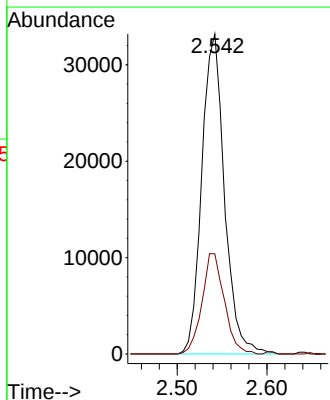
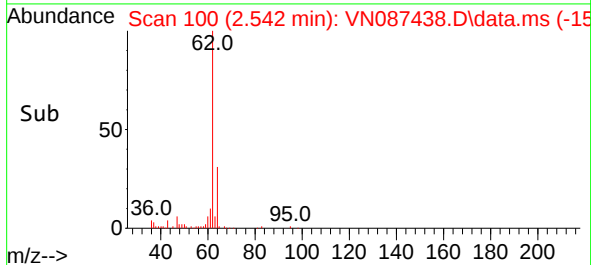
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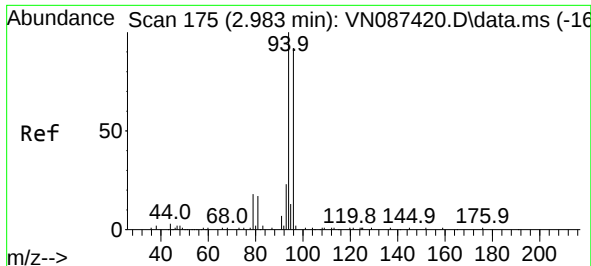


#4
Vinyl Chloride
Concen: 18.946 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57



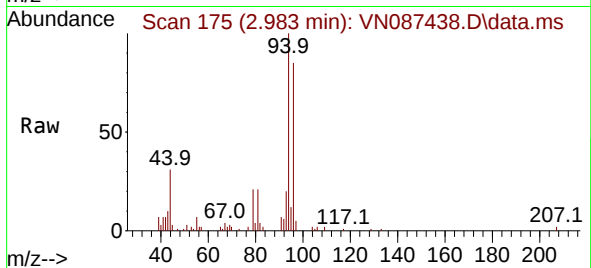
Tgt Ion: 62 Resp: 58308
Ion Ratio Lower Upper
62 100
64 31.3 25.6 38.4





#5
Bromomethane
Concen: 19.539 ug/l
RT: 2.983 min Scan# 175
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01



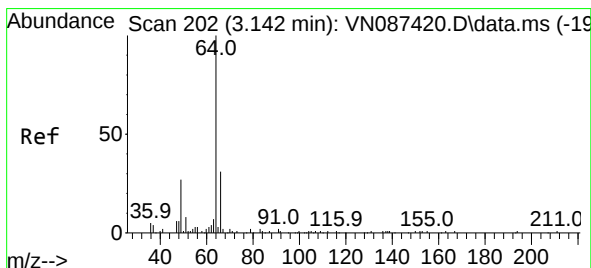
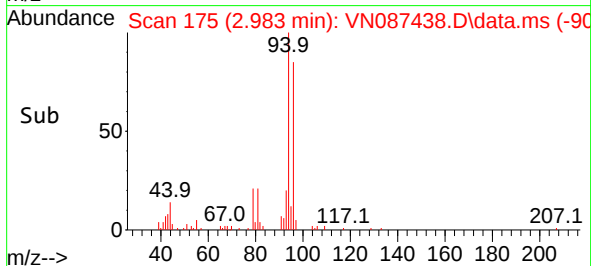
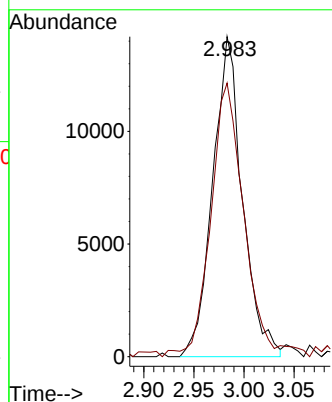
Tgt Ion: 94 Resp: 29324
Ion Ratio Lower Upper
94 100
96 83.8 73.2 109.8

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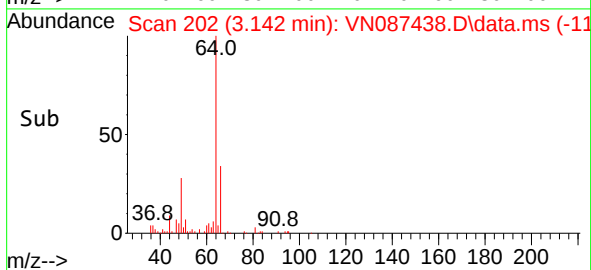
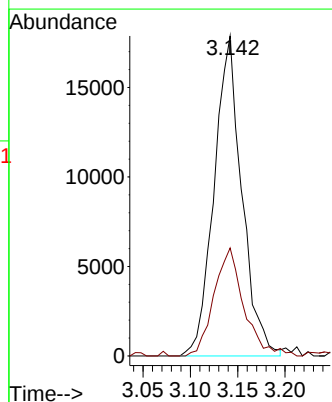
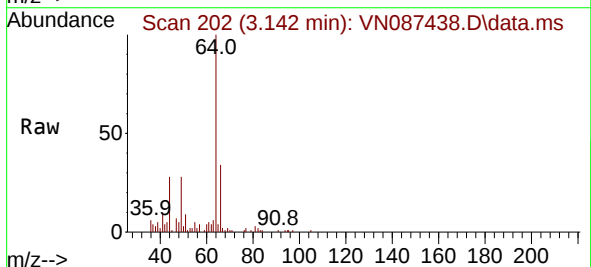
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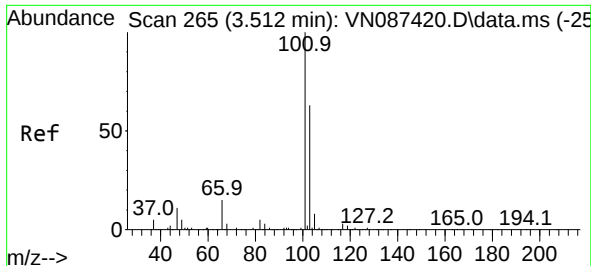
07/31/2025



#6
Chloroethane
Concen: 21.023 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

Tgt Ion: 64 Resp: 36492
Ion Ratio Lower Upper
64 100
66 33.8 25.6 38.4





#7
 Trichlorofluoromethane
 Concen: 20.531 ug/l
 RT: 3.512 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN087438.D
 Acq: 30 Jul 2025 09:57

Instrument :
 MSVOA_N
 ClientSampleId :
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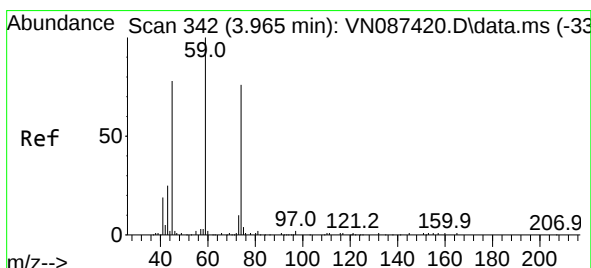
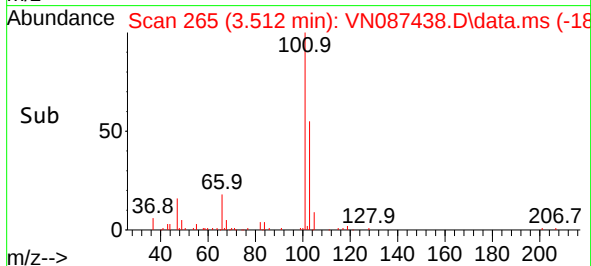
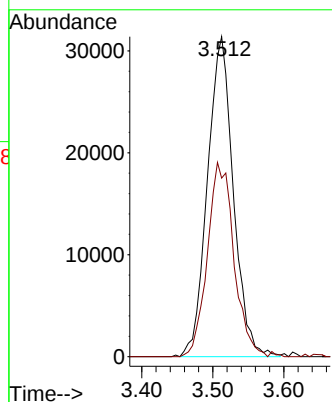
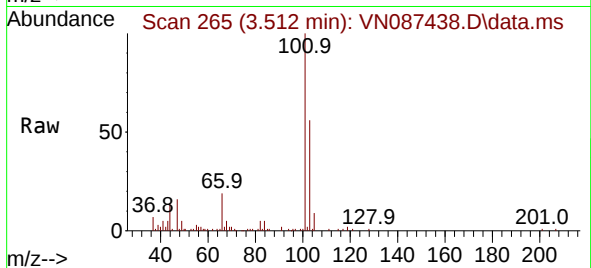
Tgt Ion:101 Resp: 7949
 Ion Ratio Lower Upper
 101 100
 103 55.8 50.0 75.0

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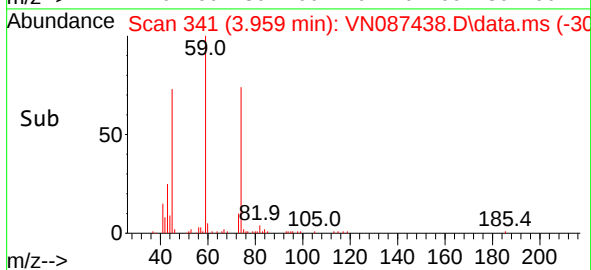
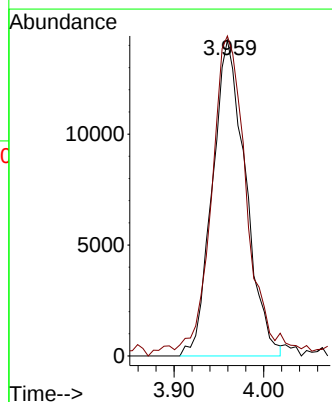
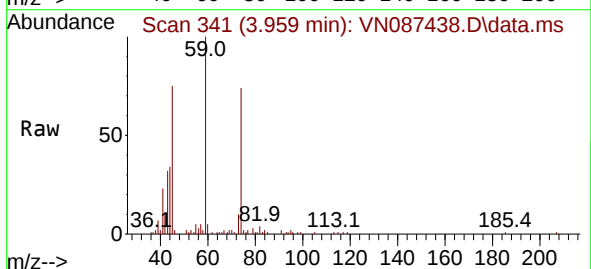
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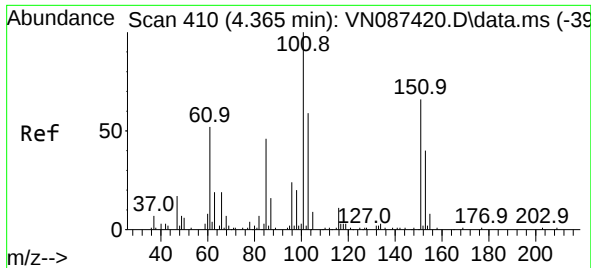
07/31/2025



#8
 Diethyl Ether
 Concen: 22.603 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN087438.D
 Acq: 30 Jul 2025 09:57

Tgt Ion: 74 Resp: 36526
 Ion Ratio Lower Upper
 74 100
 45 101.8 20.2 181.4





#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.411 ug/l m
 RT: 4.359 min Scan# 409
 Delta R.T. -0.006 min
 Lab File: VN087438.D
 Acq: 30 Jul 2025 09:57

Instrument :
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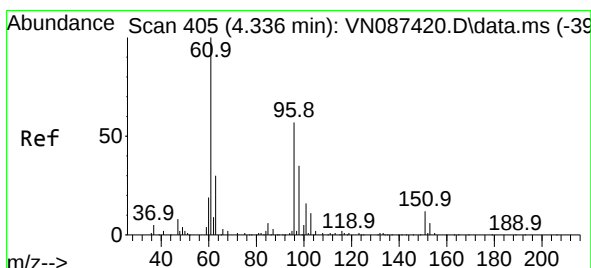
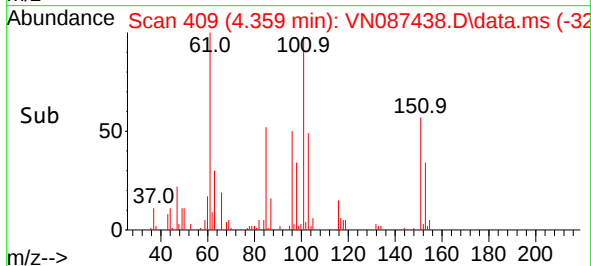
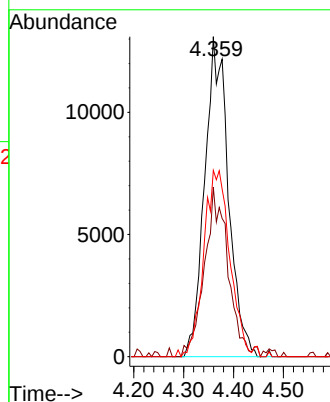
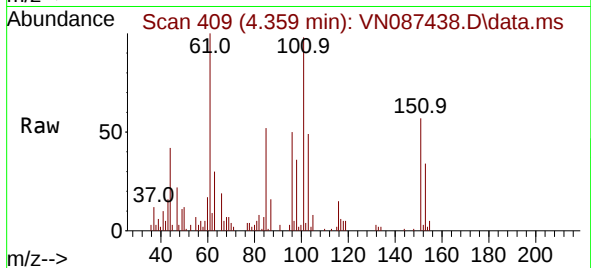
Tgt Ion:101 Resp: 43110
 Ion Ratio Lower Upper
 101 100
 85 28.1 0.0 101.2
 151 63.9 0.0 140.6

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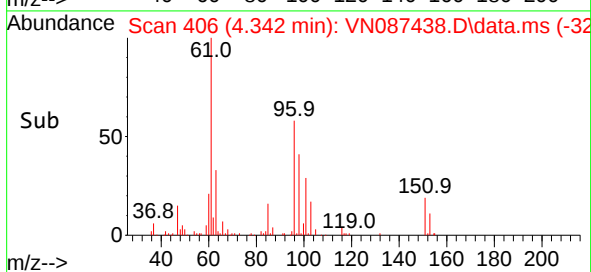
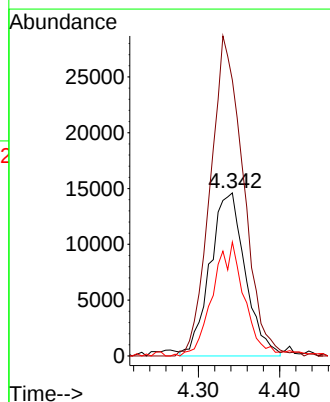
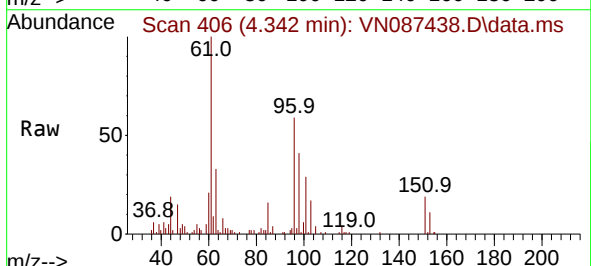
07/31/2025
 Supervised By :Mahesh
 Dadoda

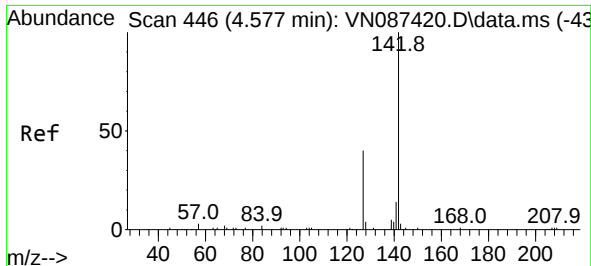
07/31/2025



#10
 1,1-Dichloroethene
 Concen: 20.883 ug/l
 RT: 4.342 min Scan# 406
 Delta R.T. 0.006 min
 Lab File: VN087438.D
 Acq: 30 Jul 2025 09:57

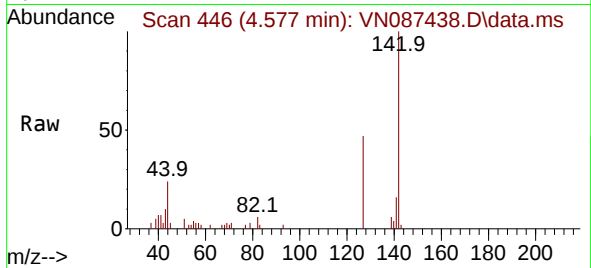
Tgt Ion: 96 Resp: 43877
 Ion Ratio Lower Upper
 96 100
 61 169.4 140.4 210.6
 98 71.3 49.6 74.4





#11
Methyl Iodide
Concen: 14.981 ug/l
RT: 4.577 min Scan# 446
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01



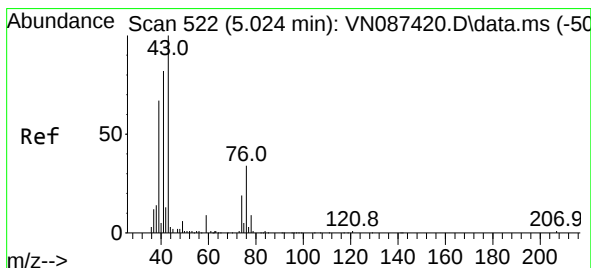
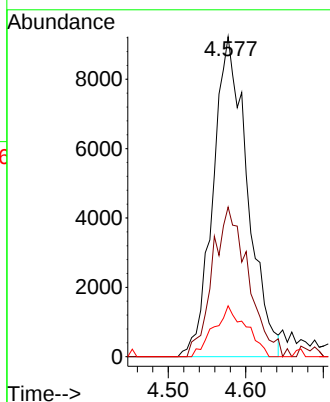
Tgt Ion:142 Resp: 28500
Ion Ratio Lower Upper
142 100
127 45.5 20.0 59.9
141 16.5 6.8 20.4

Manual Integrations
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Reviewed By :John
Carlone

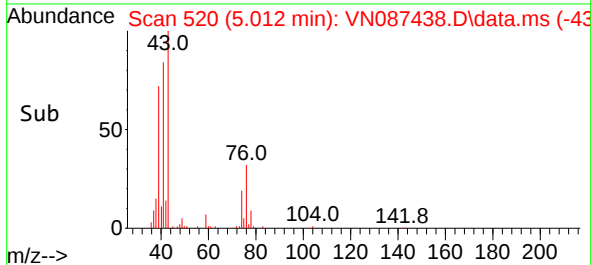
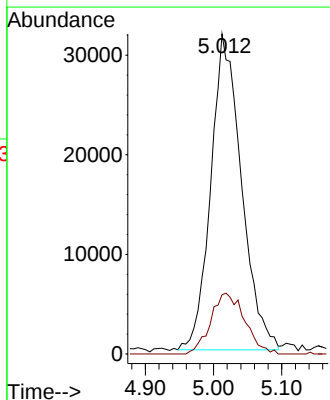
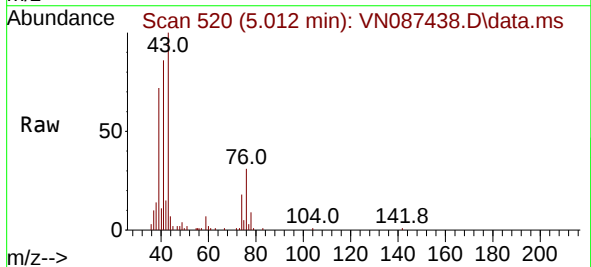
07/31/2025
Supervised By :Mahesh
Dadoda

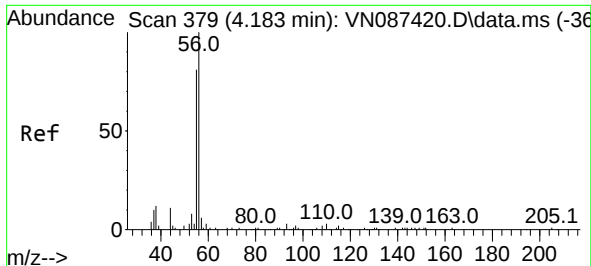
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#12
Methyl Acetate
Concen: 21.669 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.012 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

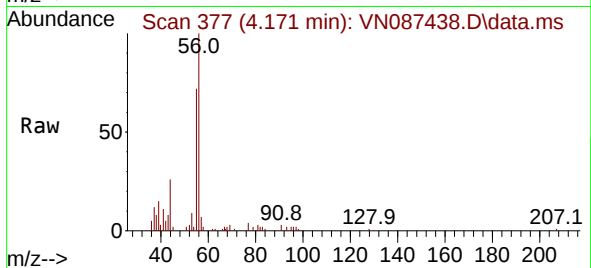
Tgt Ion: 43 Resp: 99268
Ion Ratio Lower Upper
43 100
74 18.8 15.4 23.0





#13
Acrolein
Concen: 134.418 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.012 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01



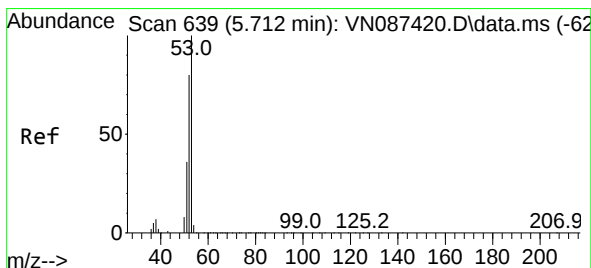
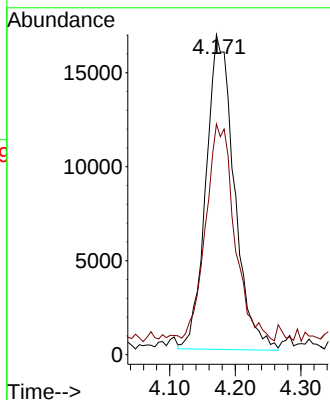
Tgt Ion: 56 Resp: 50220
Ion Ratio Lower Upper
56 100
55 70.2 58.9 88.3

Manual Integrations
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Reviewed By :John
Carlone

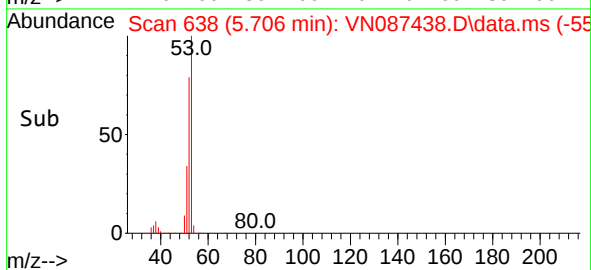
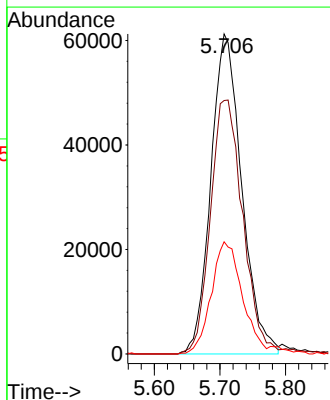
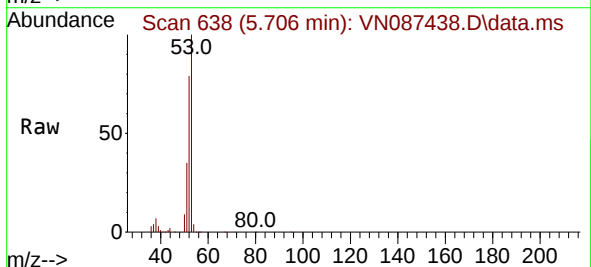
07/31/2025
Supervised By :Mahesh
Dadoda

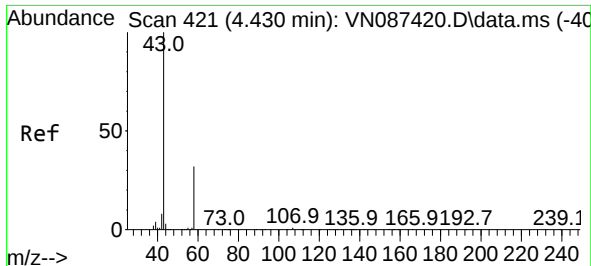
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#14
Acrylonitrile
Concen: 100.904 ug/l
RT: 5.706 min Scan# 638
Delta R.T. -0.006 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

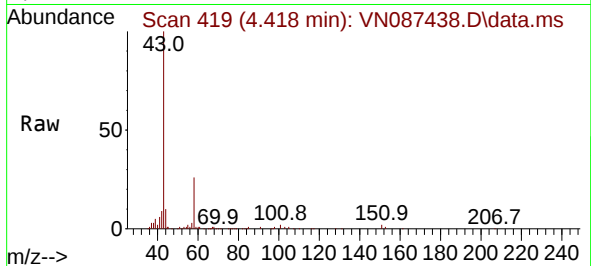
Tgt Ion: 53 Resp: 200441
Ion Ratio Lower Upper
53 100
52 82.7 41.6 124.9
51 35.0 18.1 54.4





#15
Acetone
Concen: 122.070 ug/l m
RT: 4.418 min Scan# 419
Delta R.T. -0.012 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01



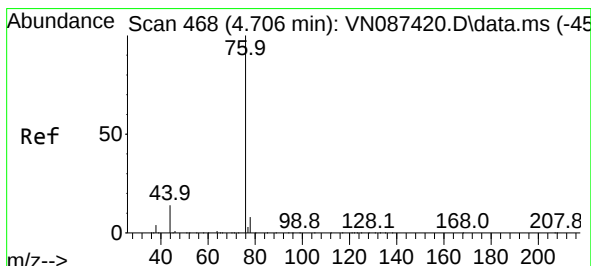
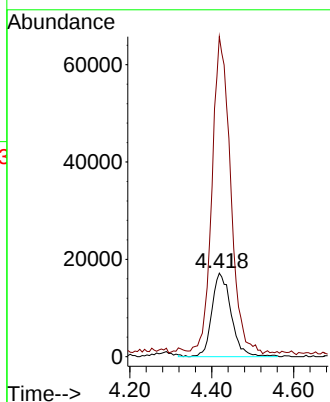
Tgt Ion: 58 Resp: 5620
Ion Ratio Lower Upper
58 100
43 383.4 248.4 372.6

Manual Integrations
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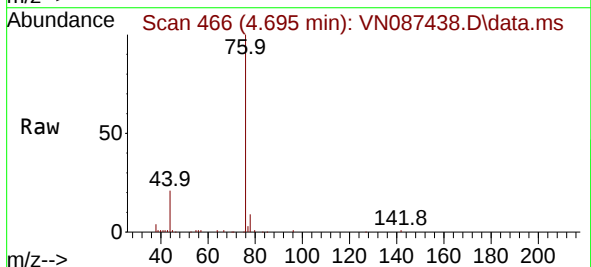
Reviewed By :John
Carlone

07/31/2025
Supervised By :Mahesh
Dadoda

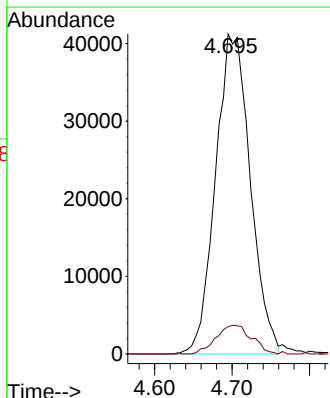
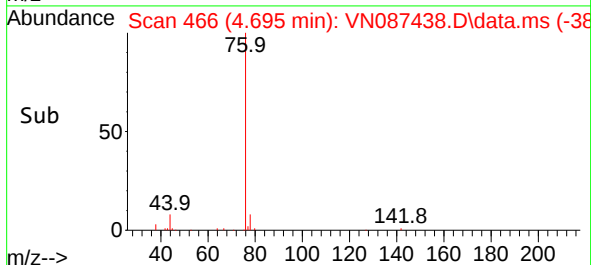
07/31/2025

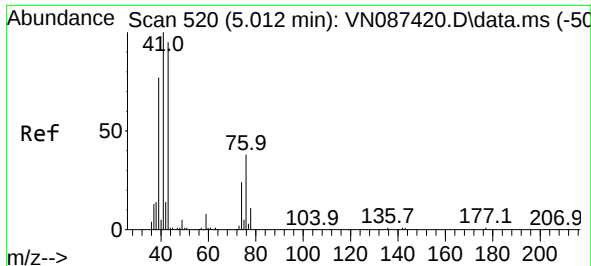


#16
Carbon Disulfide
Concen: 17.206 ug/l
RT: 4.695 min Scan# 466
Delta R.T. -0.012 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57



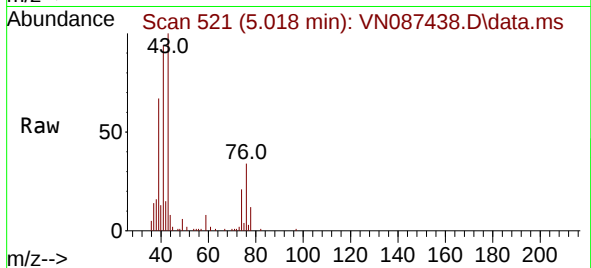
Tgt Ion: 76 Resp: 128474
Ion Ratio Lower Upper
76 100
78 8.6 6.6 10.0





#17
 Allyl chloride
 Concen: 18.520 ug/l
 RT: 5.018 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN087438.D
 Acq: 30 Jul 2025 09:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0730WBS01



Tgt Ion: 41 Resp: 90664

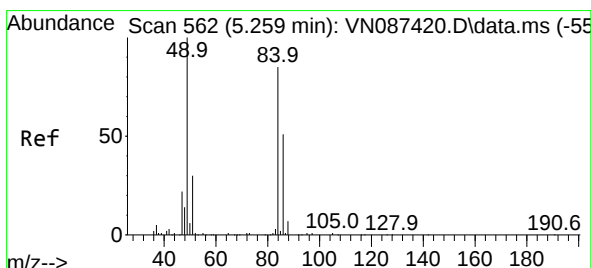
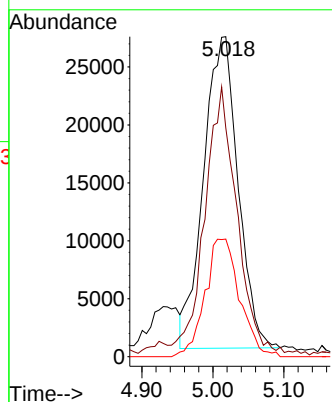
Ion	Ratio	Lower	Upper
41	100		
39	70.6	35.9	107.8
76	37.8	17.5	52.5

Manual Integrations
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Reviewed By :John
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 Supervised By :Mahesh
 Dadoda

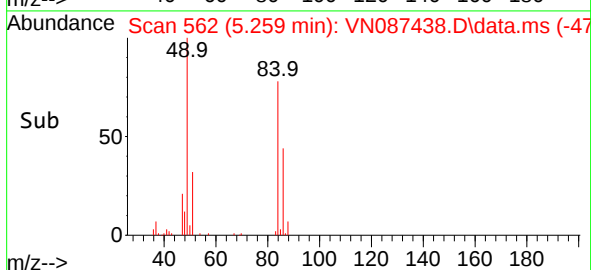
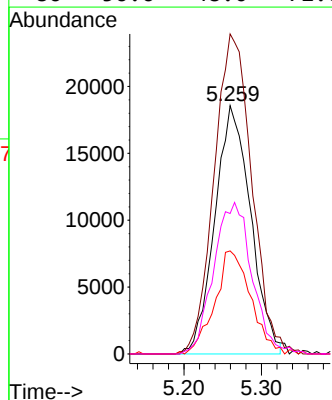
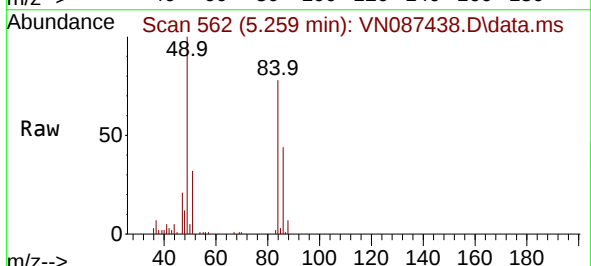
07/31/2025

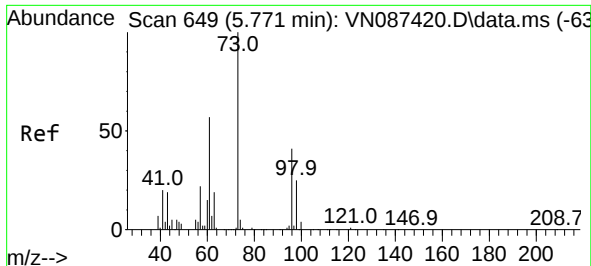


#18
 Methylene Chloride
 Concen: 18.868 ug/l
 RT: 5.259 min Scan# 562
 Delta R.T. 0.000 min
 Lab File: VN087438.D
 Acq: 30 Jul 2025 09:57

Tgt Ion: 84 Resp: 59682

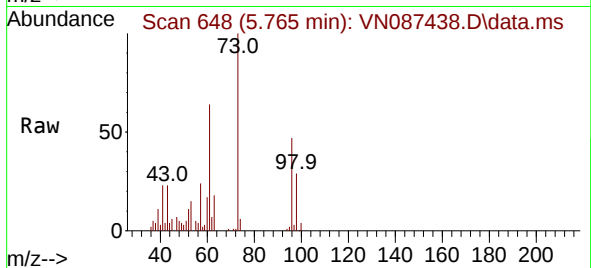
Ion	Ratio	Lower	Upper
84	100		
49	128.0	93.5	140.3
51	40.5	28.0	42.0
86	56.6	48.0	72.0





#19
trans-1,2-Dichloroethene
Concen: 17.877 ug/l
RT: 5.765 min Scan# 649
Delta R.T. -0.006 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01



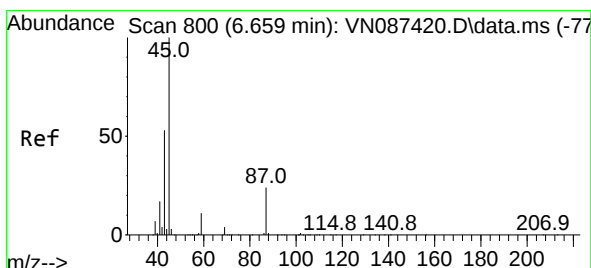
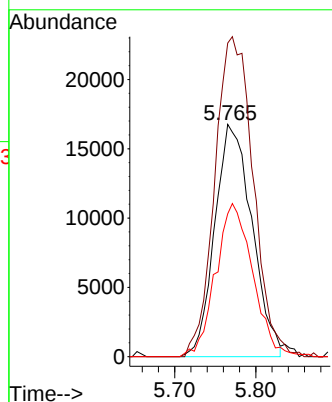
Tgt Ion: 96 Resp: 53359
Ion Ratio Lower Upper
96 100
61 135.0 110.2 165.4
98 61.5 47.9 71.9

Manual Integrations
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Reviewed By :John
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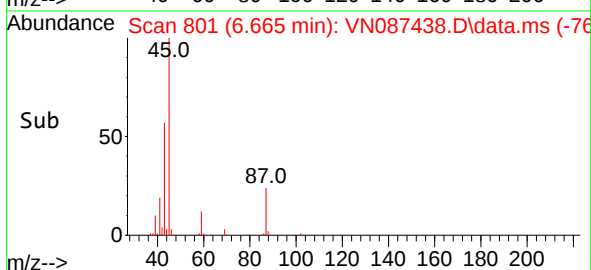
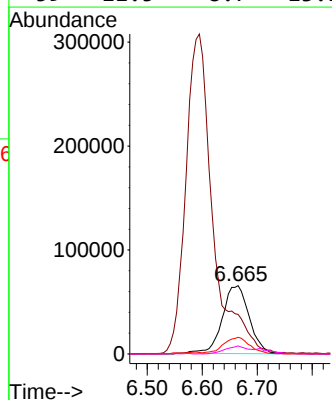
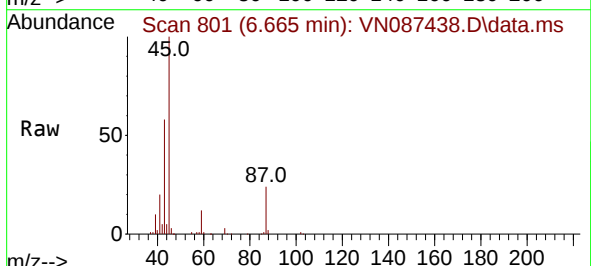
07/31/2025
Supervised By :Mahesh
Dadoda

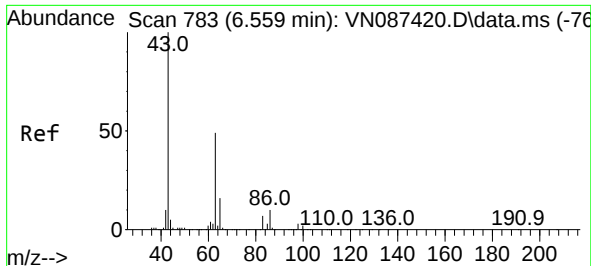
07/31/2025



#20
Diisopropyl ether
Concen: 19.858 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.006 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

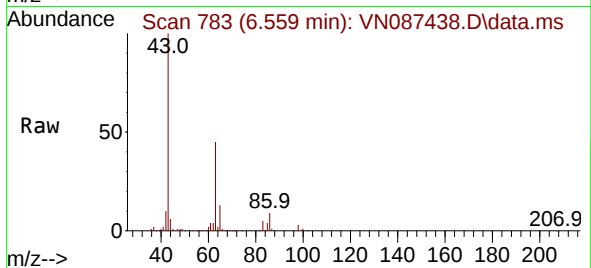
Tgt Ion: 45 Resp: 221177
Ion Ratio Lower Upper
45 100
43 56.6 42.7 64.1
87 24.2 19.4 29.0
59 11.5 8.7 13.1





#21
1,1-Dichloroethane
Concen: 19.655 ug/l
RT: 6.559 min Scan# 783
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01



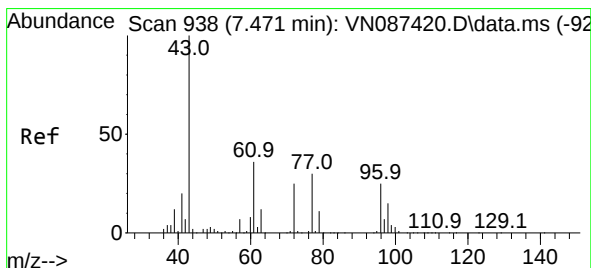
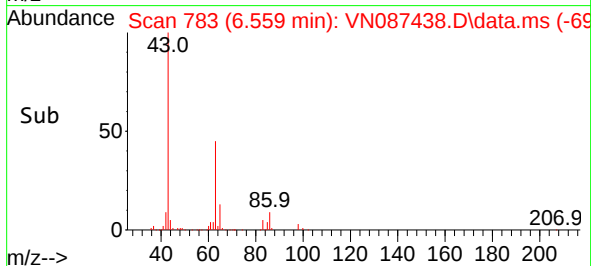
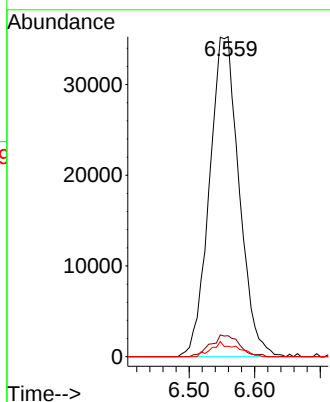
Tgt Ion: 63 Resp: 110950
Ion Ratio Lower Upper
63 100
98 6.6 3.4 10.1
100 3.3 2.5 7.4

Manual Integrations
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Reviewed By :John
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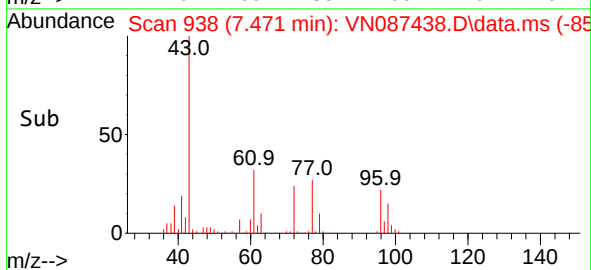
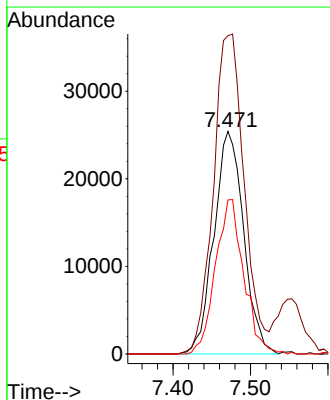
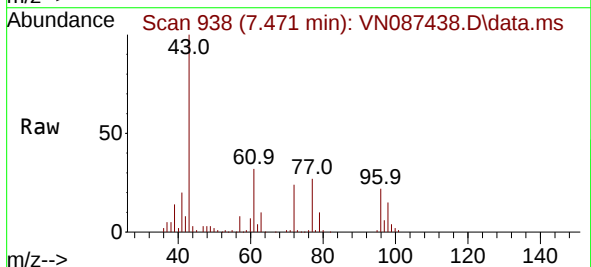
07/31/2025
Supervised By :Mahesh
Dadoda

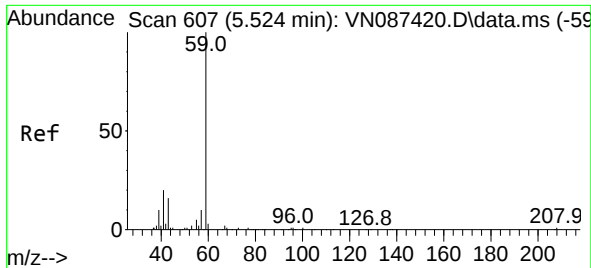
07/31/2025



#22
cis-1,2-Dichloroethene
Concen: 18.723 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

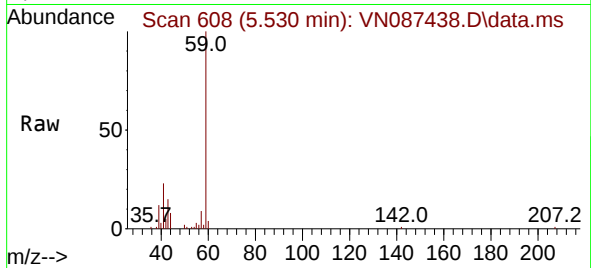
Tgt Ion: 96 Resp: 67924
Ion Ratio Lower Upper
96 100
61 149.1 118.8 178.2
98 65.9 51.5 77.3





#23
tert-Butyl Alcohol
Concen: 104.539 ug/l
RT: 5.530 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01



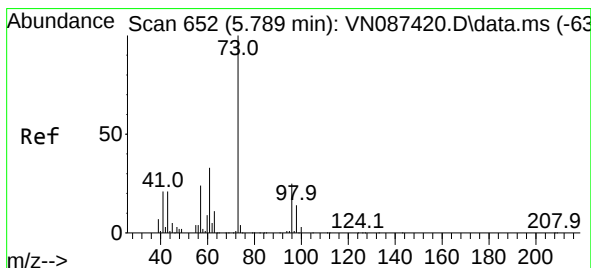
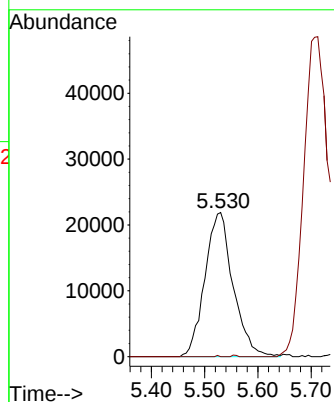
Tgt Ion: 59 Resp: 80490
Ion Ratio Lower Upper
59 100
52 0.2 0.2 0.2

Manual Integrations
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Reviewed By :John
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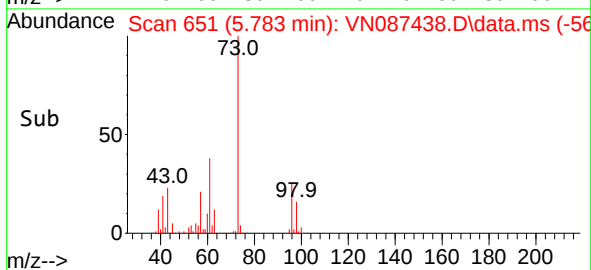
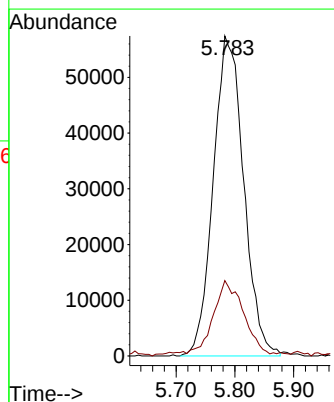
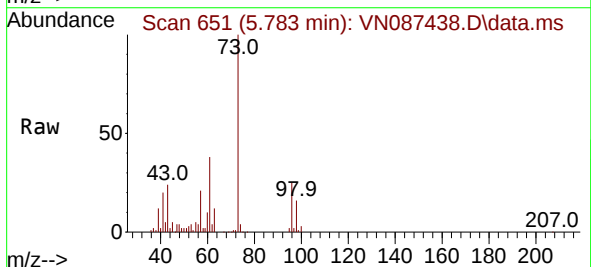
07/31/2025
Supervised By :Mahesh
Dadoda

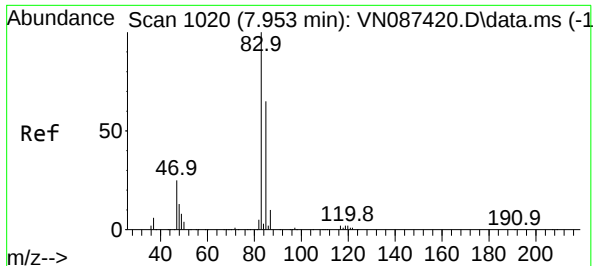
07/31/2025



#24
Methyl tert-Butyl Ether
Concen: 19.754 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

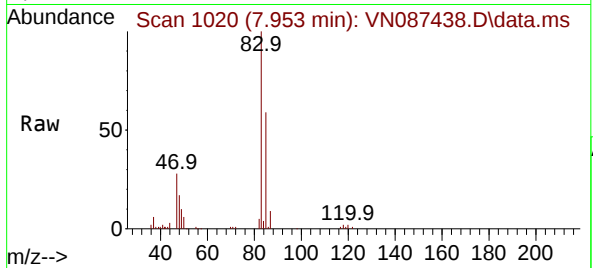
Tgt Ion: 73 Resp: 205911
Ion Ratio Lower Upper
73 100
43 22.2 17.1 25.7





#25
Chloroform
Concen: 19.703 ug/l
RT: 7.953 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01



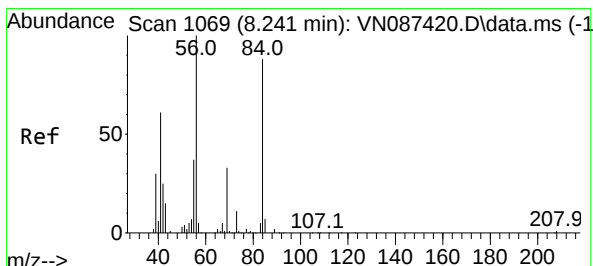
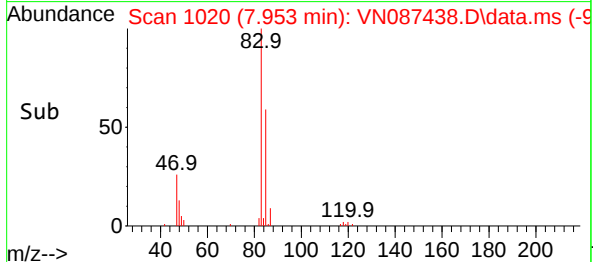
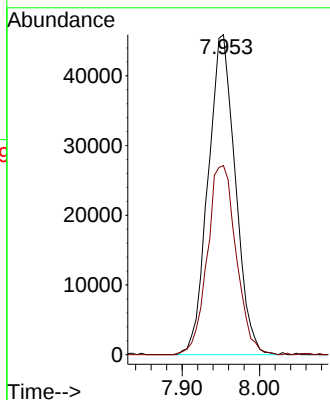
Tgt Ion: 83 Resp: 11229
Ion Ratio Lower Upper
83 100
85 59.1 52.0 78.0

Manual Integrations
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Reviewed By :John
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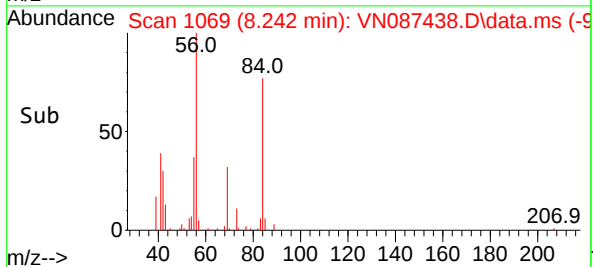
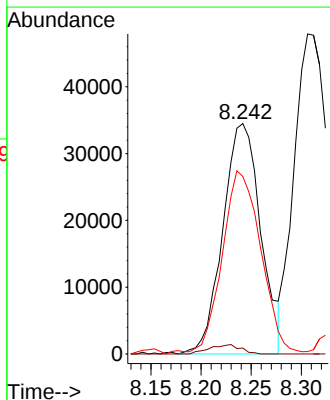
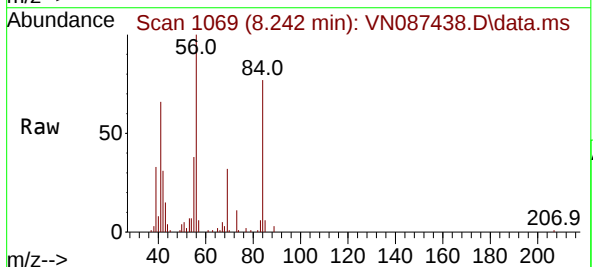
07/31/2025
Supervised By :Mahesh
Dadoda

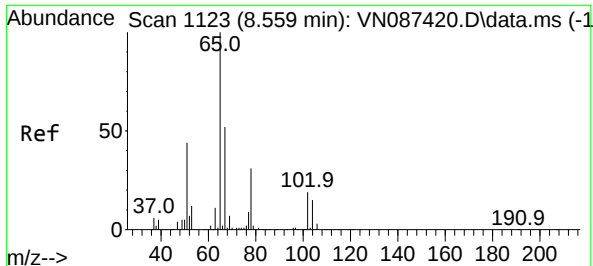
07/31/2025



#26
Cyclohexane
Concen: 17.396 ug/l
RT: 8.242 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

Tgt Ion: 56 Resp: 90697
Ion Ratio Lower Upper
56 100
89 3.3 4.7 7.1#
84 78.3 67.4 101.2





#27

1,2-Dichloroethane-d4

Concen: 31.059 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN087438.D

Acq: 30 Jul 2025 09:57

Instrument :

MSVOA_N

ClientSampleId :

VN0730WBS01

Tgt Ion: 65 Resp: 11664

Ion Ratio Lower Upper

65 100

67 52.6 42.3 63.5

Manual Integrations

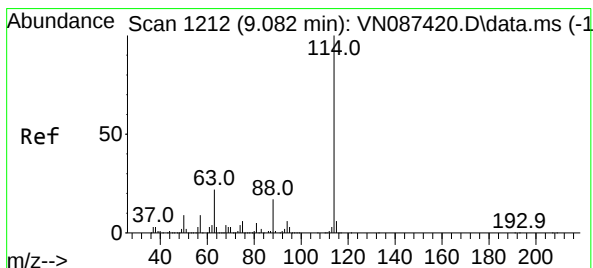
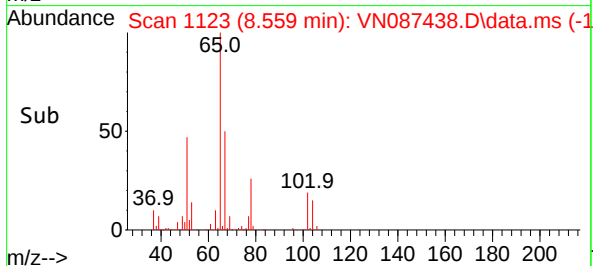
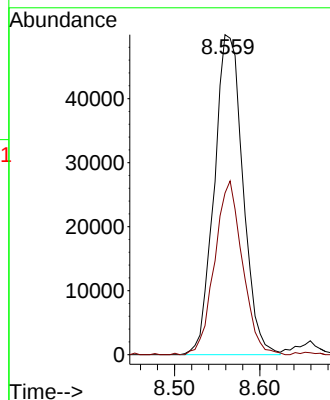
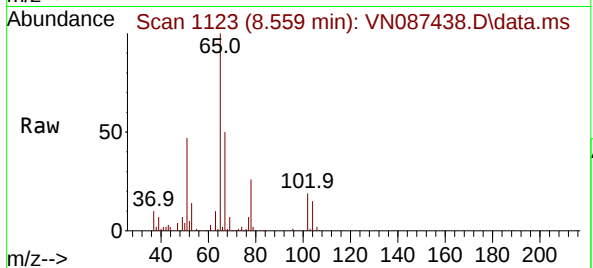
APPROVED

Reviewed By :John
Carlone

07/31/2025

Supervised By :Mahesh
Dadoda

07/31/2025



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.089 min Scan# 1213

Delta R.T. 0.006 min

Lab File: VN087438.D

Acq: 30 Jul 2025 09:57

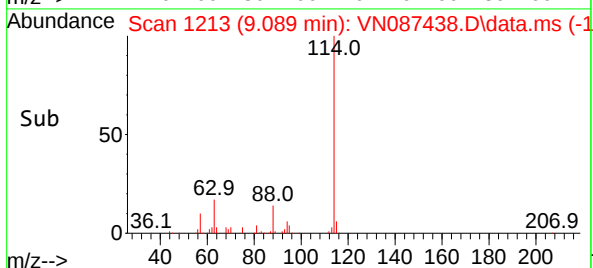
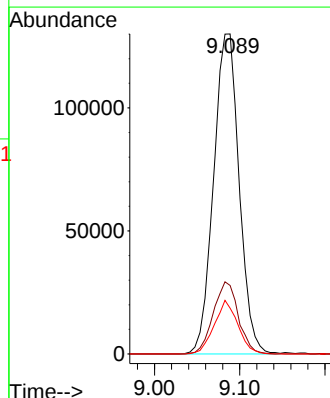
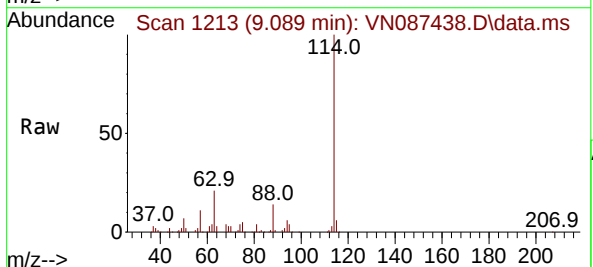
Tgt Ion:114 Resp: 271089

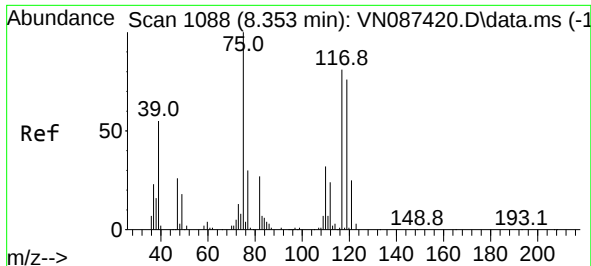
Ion Ratio Lower Upper

114 100

63 22.1 17.8 26.6

88 15.4 13.0 19.4





#29
1,1-Dichloropropene
Concen: 18.464 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01

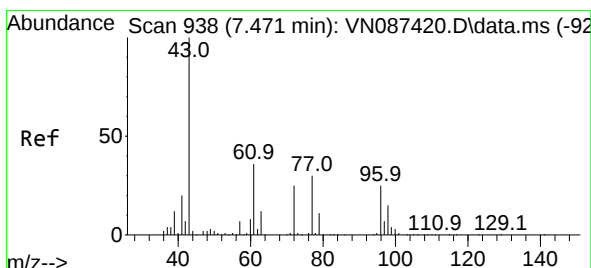
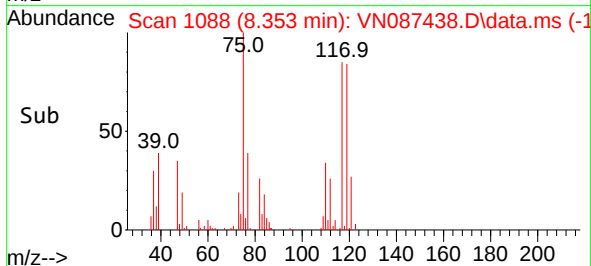
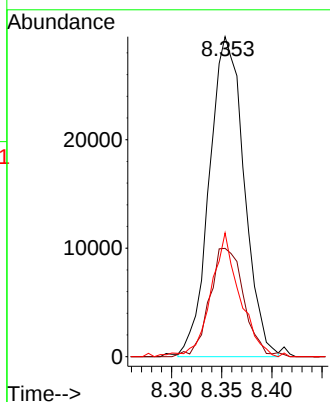
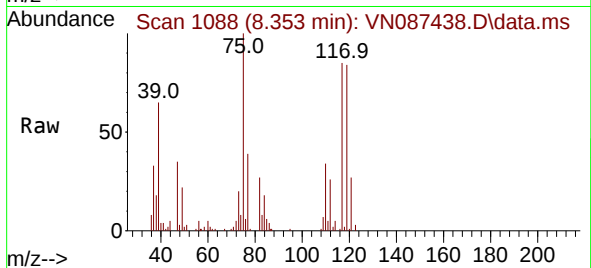
Tgt Ion: 75	Resp: 71058
Ion Ratio	Lower Upper
75 100	
110 32.7	0.0 69.6
77 31.5	0.0 60.2

Manual Integrations
APPROVED

Reviewed By :John
Carlone

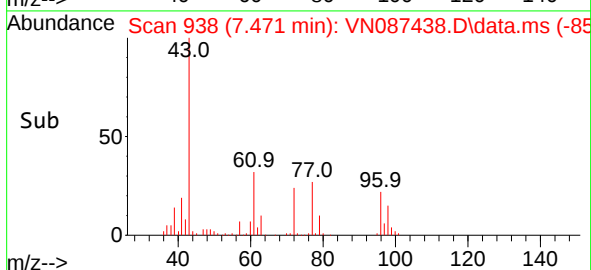
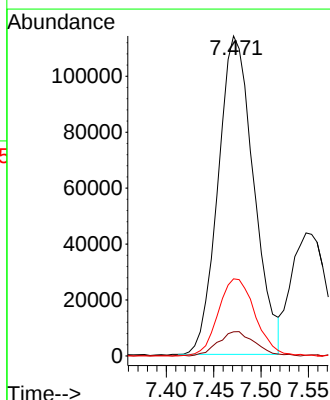
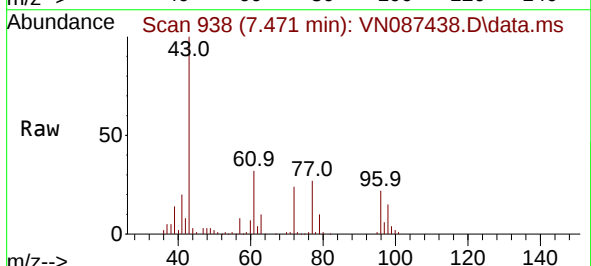
07/31/2025
Supervised By :Mahesh
Dadoda

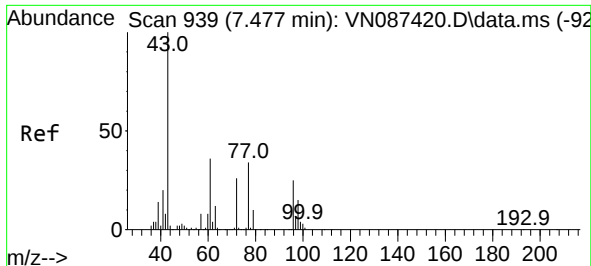
07/31/2025



#30
2-Butanone
Concen: 106.752 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

Tgt Ion: 43	Resp: 297647
Ion Ratio	Lower Upper
43 100	
57 8.0	6.0 9.0
72 25.2	20.3 30.5





#31

2,2-Dichloropropane

Concen: 19.933 ug/l

RT: 7.477 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN087438.D

Acq: 30 Jul 2025 09:57

Instrument :

MSVOA_N

ClientSampleId :

VN0730WBS01

Tgt Ion: 77 Resp: 9558

Ion Ratio Lower Upper

77 100

97 22.3 19.1 28.7

Manual Integrations

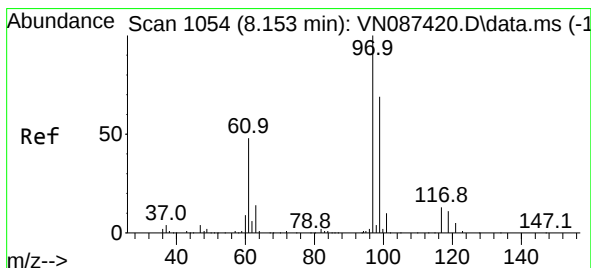
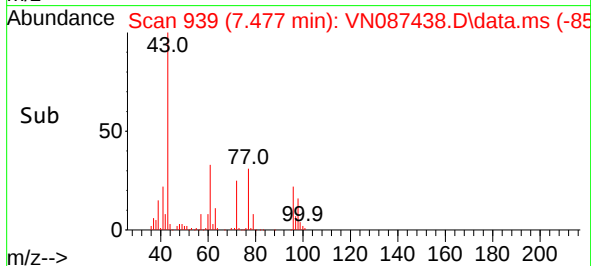
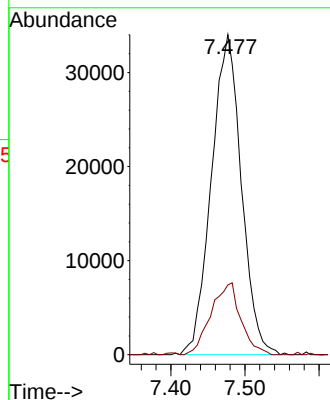
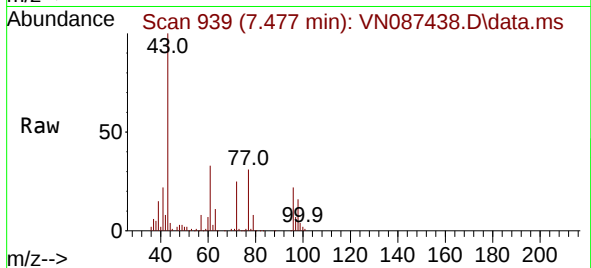
APPROVED

Reviewed By :John
Carlone

07/31/2025

Supervised By :Mahesh
Dadoda

07/31/2025



#32

1,1,1-Trichloroethane

Concen: 18.543 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.000 min

Lab File: VN087438.D

Acq: 30 Jul 2025 09:57

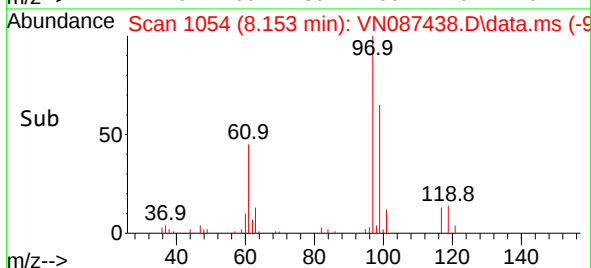
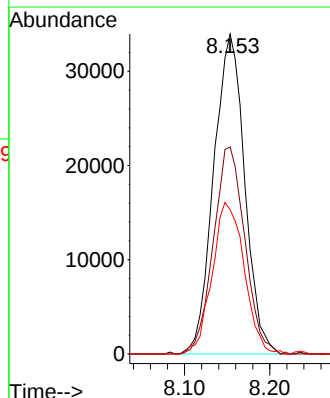
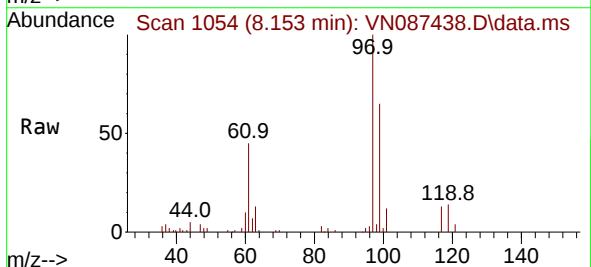
Tgt Ion: 97 Resp: 85774

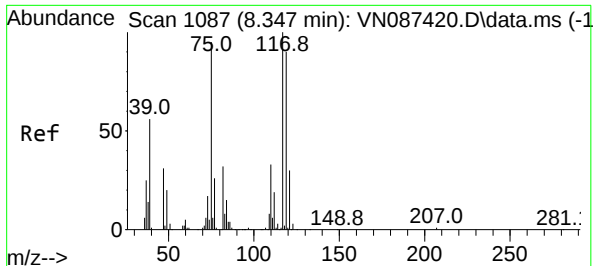
Ion Ratio Lower Upper

97 100

99 65.5 52.1 78.1

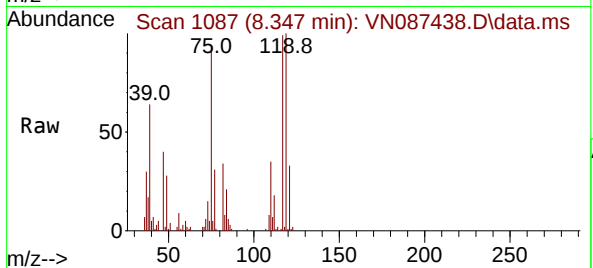
61 48.7 36.3 54.5





#33
Carbon Tetrachloride
Concen: 18.331 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01



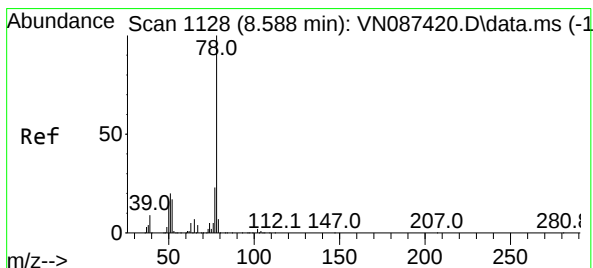
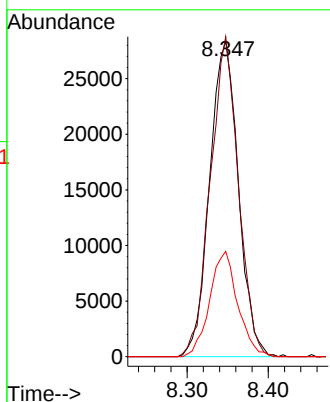
Tgt Ion: 117 Resp: 6992
Ion Ratio Lower Upper
117 100
119 101.5 71.9 107.9
121 33.4 24.4 36.6

Manual Integrations
APPROVED

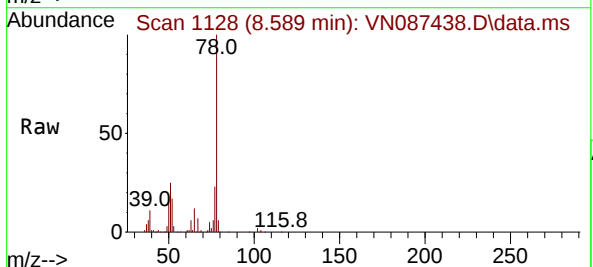
Reviewed By :John
Carlone

07/31/2025
Supervised By :Mahesh
Dadoda

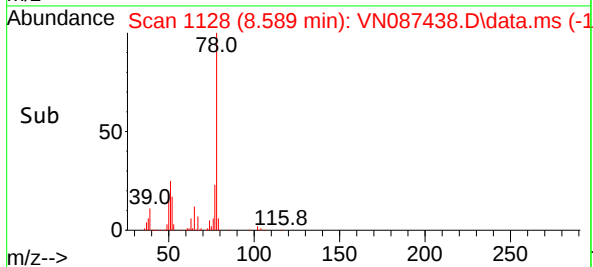
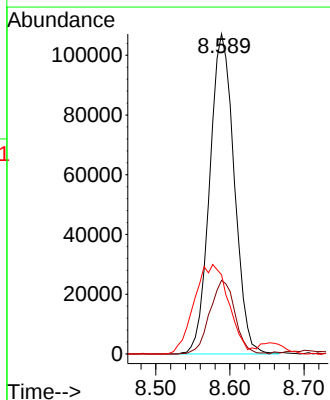
07/31/2025

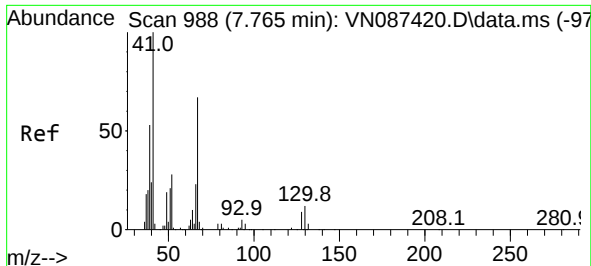


#34
Benzene
Concen: 19.525 ug/l
RT: 8.589 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57



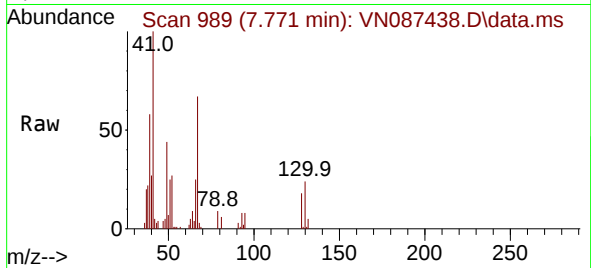
Tgt Ion: 78 Resp: 245758
Ion Ratio Lower Upper
78 100
77 23.0 18.6 28.0
51 22.1 16.3 24.5





#35
Methacrylonitrile
Concen: 20.179 ug/l
RT: 7.771 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01



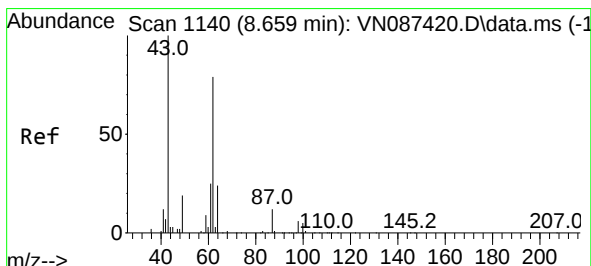
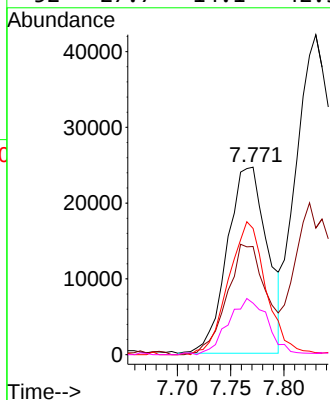
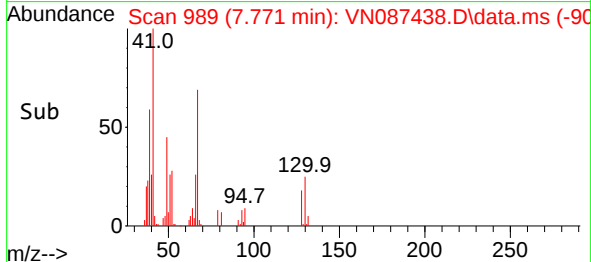
Tgt Ion: 41 Resp: 64452
Ion Ratio Lower Upper
41 100
39 58.1 26.7 80.1
67 67.9 33.5 100.4
52 27.7 14.1 42.3

Manual Integrations
APPROVED

Reviewed By :John
Carlone

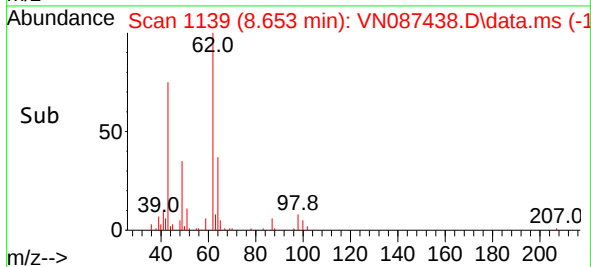
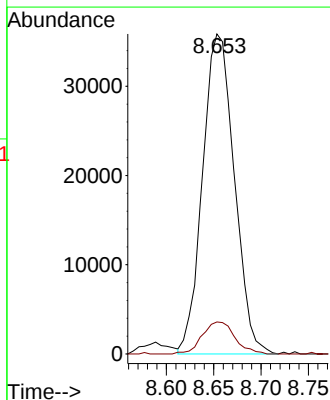
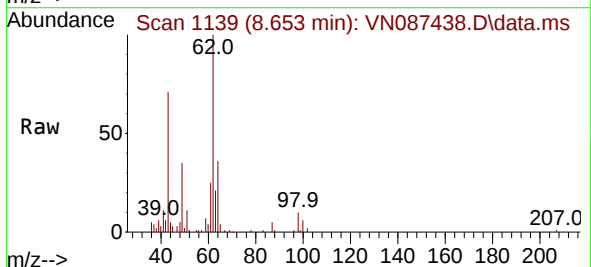
07/31/2025
Supervised By :Mahesh
Dadoda

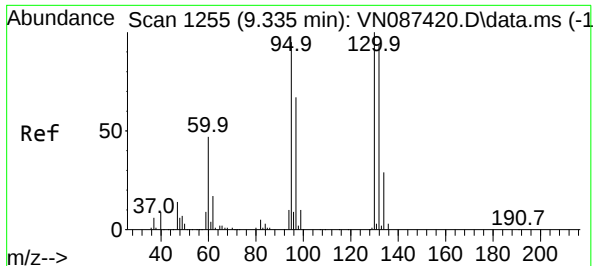
07/31/2025



#36
1,2-Dichloroethane
Concen: 19.976 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.006 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

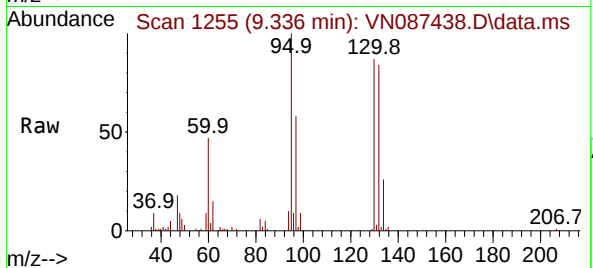
Tgt Ion: 62 Resp: 83679
Ion Ratio Lower Upper
62 100
98 10.3 0.2 0.2#





#37
Trichloroethene
Concen: 18.175 ug/l
RT: 9.336 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01



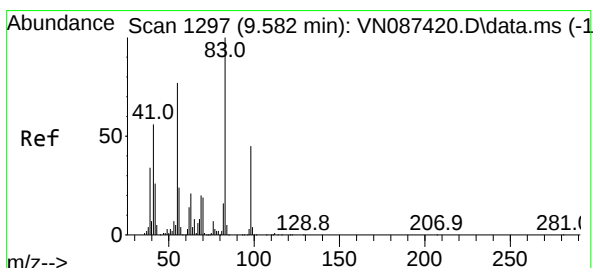
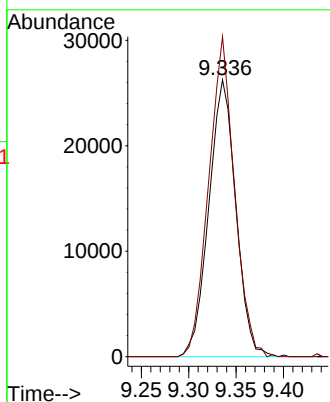
Tgt Ion:130 Resp: 52219
Ion Ratio Lower Upper
130 100
95 115.6 76.4 114.6

Manual Integrations
APPROVED

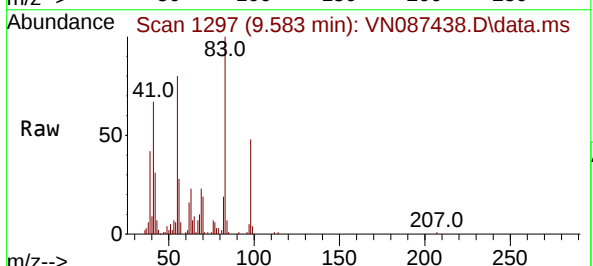
Reviewed By :John
Carlone

07/31/2025
Supervised By :Mahesh
Dadoda

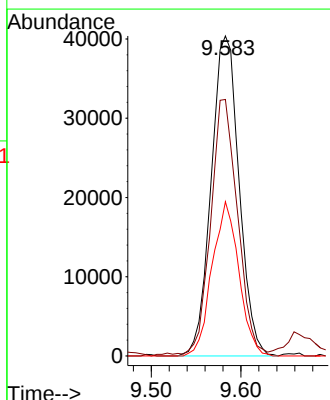
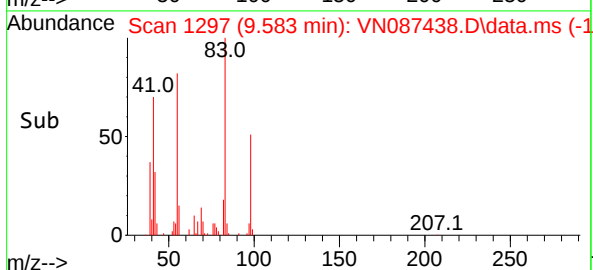
07/31/2025

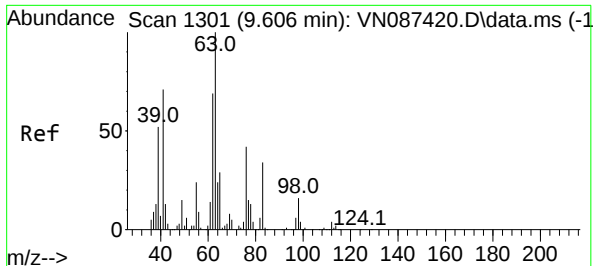


#38
Methylcyclohexane
Concen: 17.590 ug/l
RT: 9.583 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57



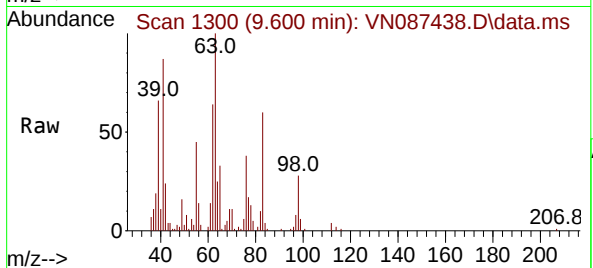
Tgt Ion: 83 Resp: 87308
Ion Ratio Lower Upper
83 100
55 75.7 39.4 118.1
98 46.2 23.6 70.8





#39
1,2-Dichloropropane
Concen: 19.538 ug/l
RT: 9.600 min Scan# 1301
Delta R.T. -0.006 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01



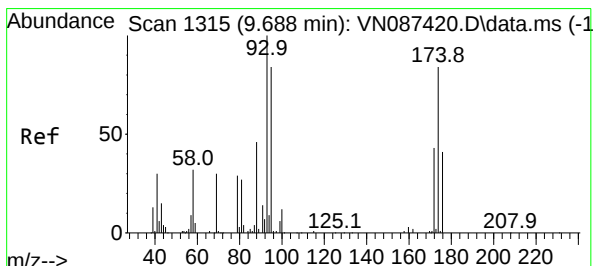
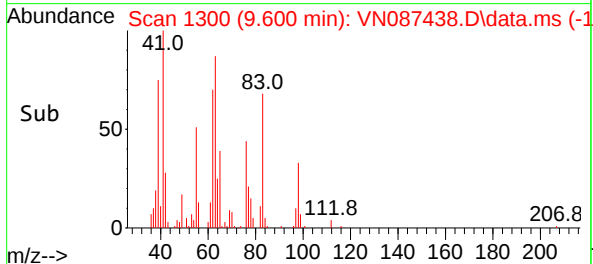
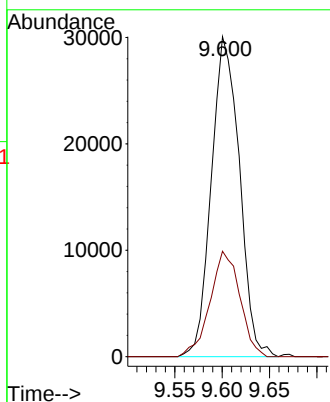
Tgt Ion: 63 Resp: 61914
Ion Ratio Lower Upper
63 100
65 33.0 23.1 34.7

Manual Integrations
APPROVED

Reviewed By :John
Carlone

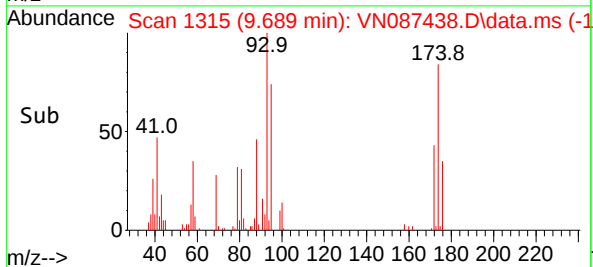
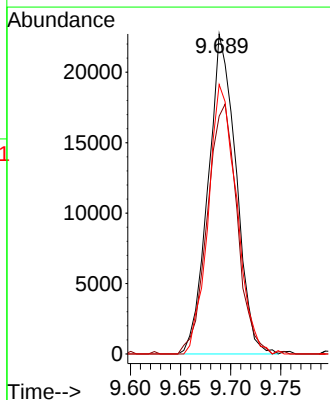
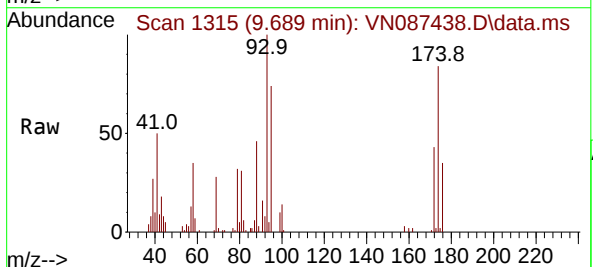
07/31/2025
Supervised By :Mahesh
Dadoda

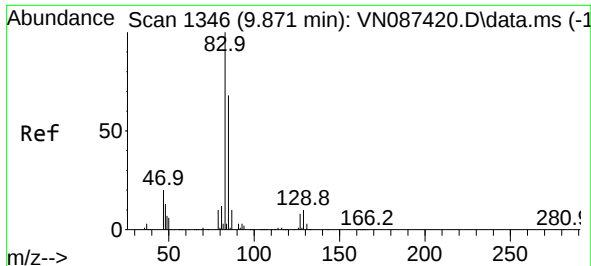
07/31/2025



#40
Dibromomethane
Concen: 19.598 ug/l
RT: 9.689 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

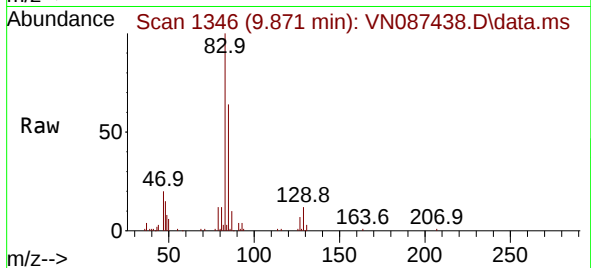
Tgt Ion: 93 Resp: 44055
Ion Ratio Lower Upper
93 100
95 83.0 0.0 164.8
174 84.9 0.0 174.4





#41
Bromodichloromethane
Concen: 20.007 ug/l
RT: 9.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01



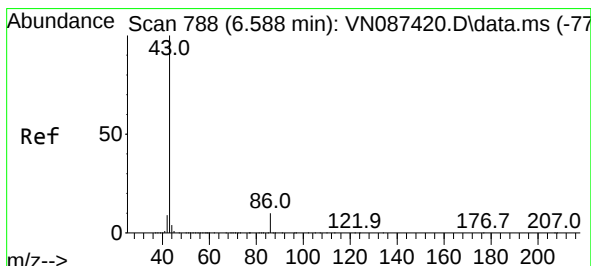
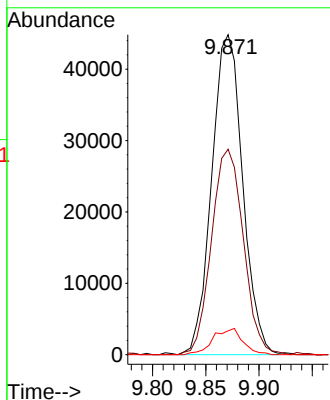
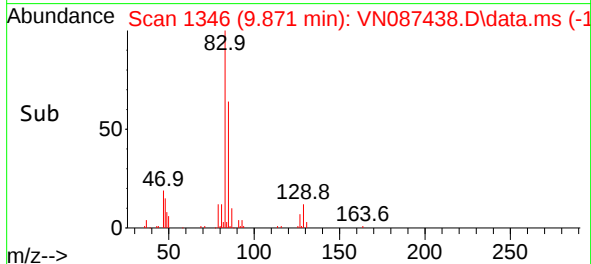
Tgt Ion: 83 Resp: 9051
Ion Ratio Lower Upper
83 100
85 64.2 54.5 81.7
127 7.5 6.6 10.0

Manual Integrations
APPROVED

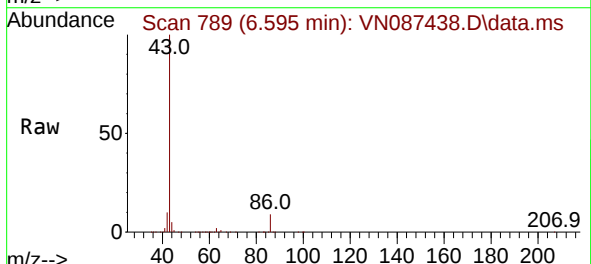
Reviewed By :John
Carlone

07/31/2025
Supervised By :Mahesh
Dadoda

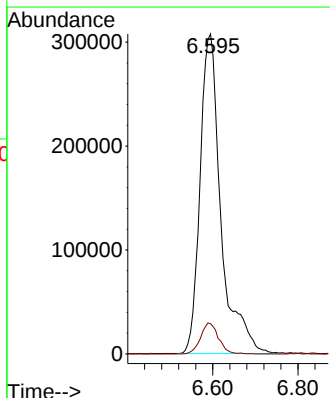
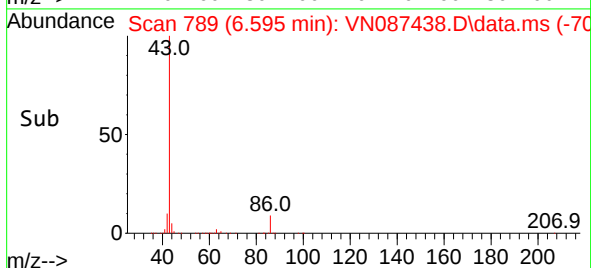
07/31/2025

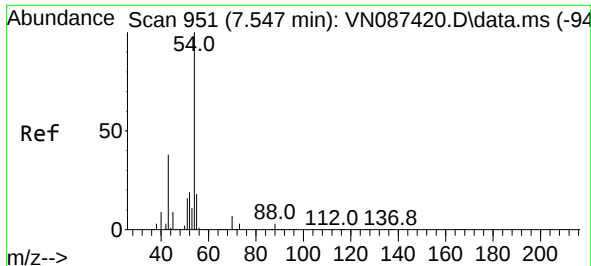


#42
Vinyl Acetate
Concen: 111.388 ug/l
RT: 6.595 min Scan# 789
Delta R.T. 0.006 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57



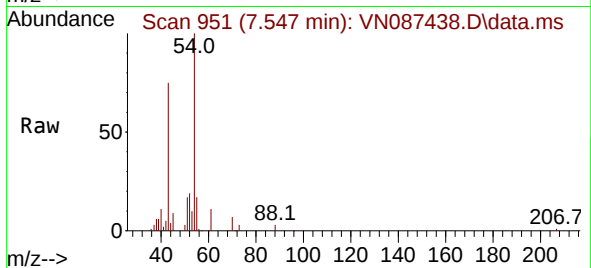
Tgt Ion: 43 Resp: 1045165
Ion Ratio Lower Upper
43 100
86 8.3 7.9 11.9





#43
Ethyl Acetate
Concen: 19.775 ug/l
RT: 7.547 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01



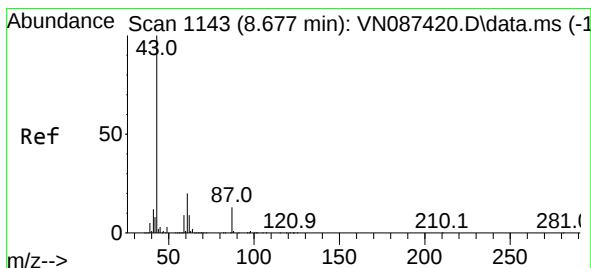
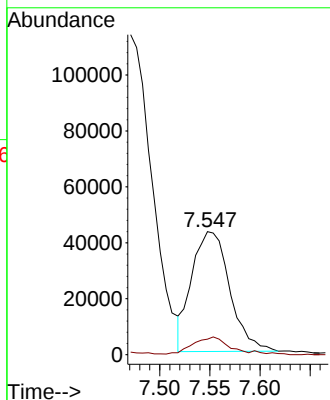
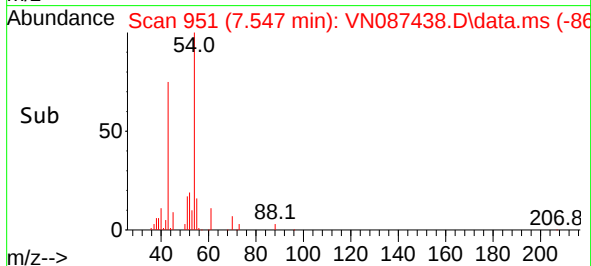
Tgt Ion: 43 Resp: 113032
Ion Ratio Lower Upper
43 100
45 13.7 1.6 2.4

Manual Integrations
APPROVED

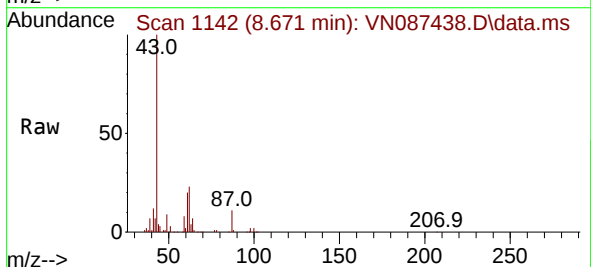
Reviewed By :John
Carlone

07/31/2025
Supervised By :Mahesh
Dadoda

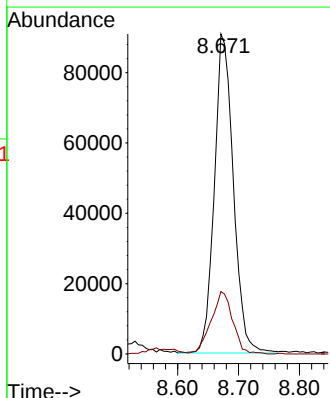
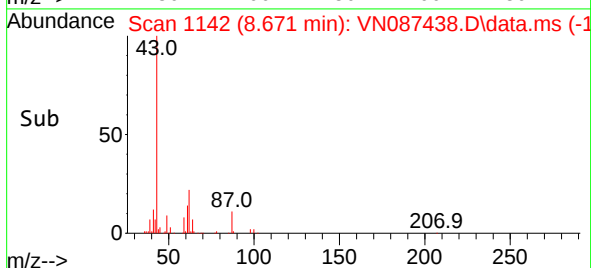
07/31/2025

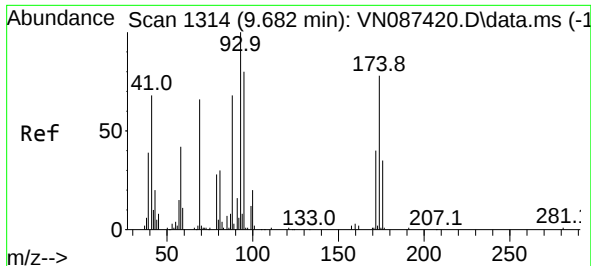


#44
Isopropyl Acetate
Concen: 21.542 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57



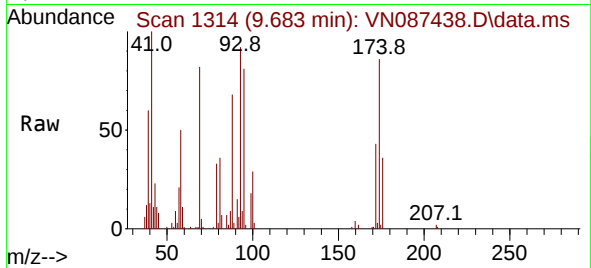
Tgt Ion: 43 Resp: 196705
Ion Ratio Lower Upper
43 100
61 21.1 20.0 30.0





#45
1,4-Dioxane
Concen: 435.179 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01



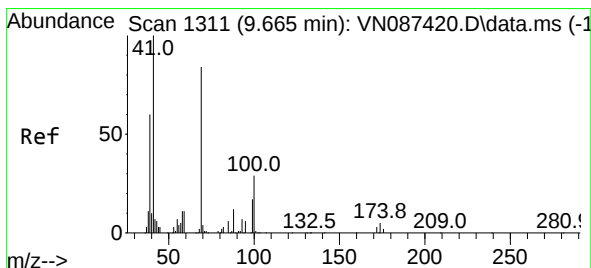
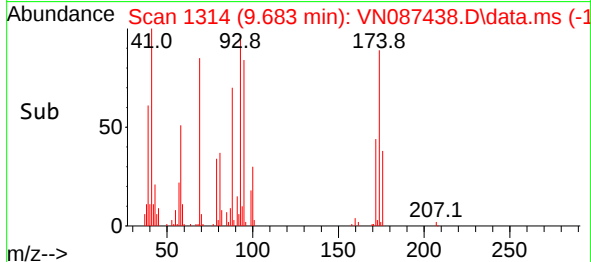
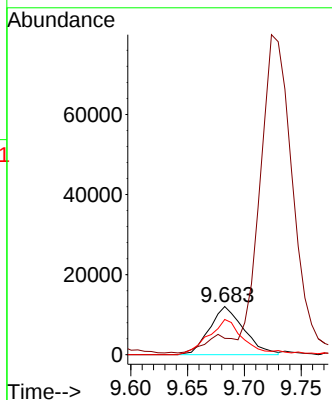
Tgt Ion: 88 Resp: 2521
Ion Ratio Lower Upper
88 100
43 32.9 22.7 34.1
58 72.1 56.2 84.4

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Reviewed By :John
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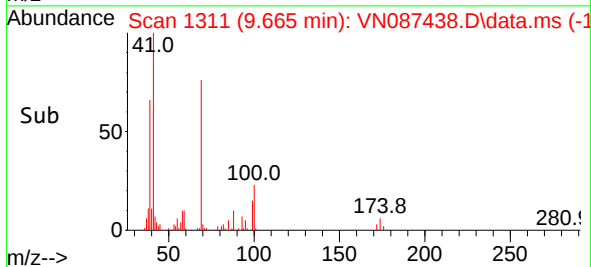
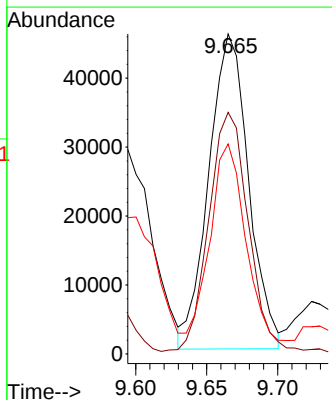
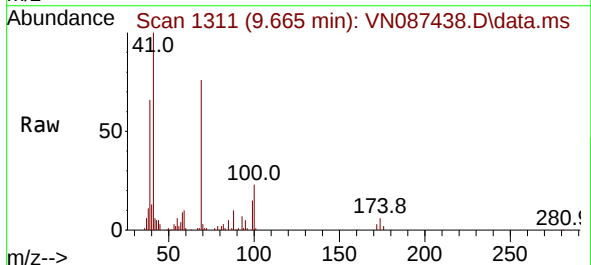
07/31/2025
Supervised By :Mahesh
Dadoda

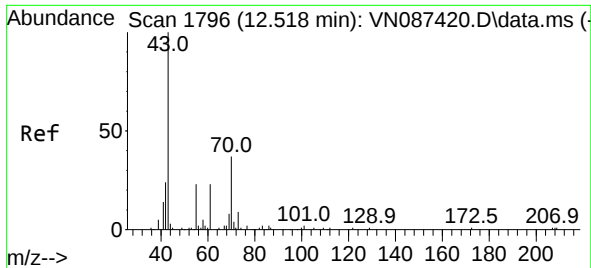
07/31/2025



#46
Methyl methacrylate
Concen: 20.978 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

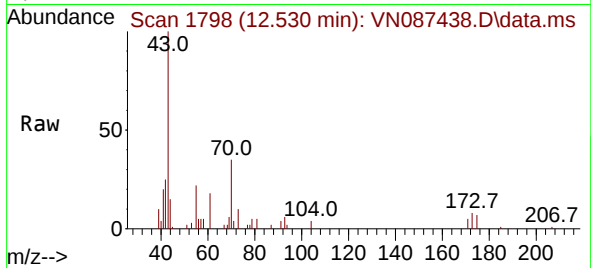
Tgt Ion: 41 Resp: 89192
Ion Ratio Lower Upper
41 100
69 79.4 41.9 125.7
39 65.6 31.1 93.5





#47
n-amy1 Acetate
Concen: 18.321 ug/l m
RT: 12.530 min Scan# 1
Delta R.T. 0.012 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01



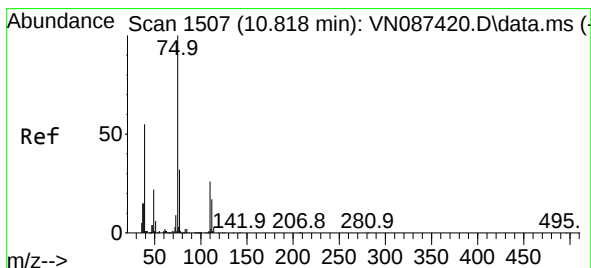
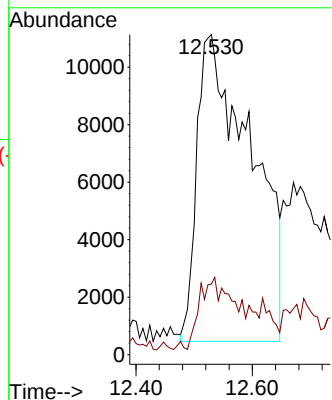
Tgt Ion: 43 Resp: 68970
Ion Ratio Lower Upper
43 100
55 0.3 15.0 22.6

Manual Integrations
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Reviewed By :John
Carlone

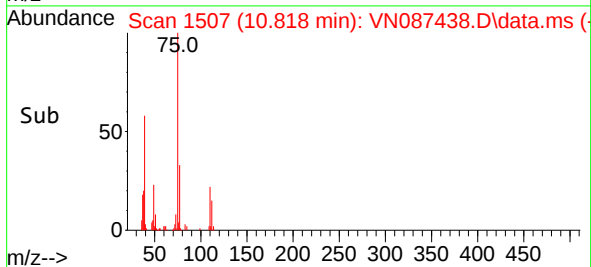
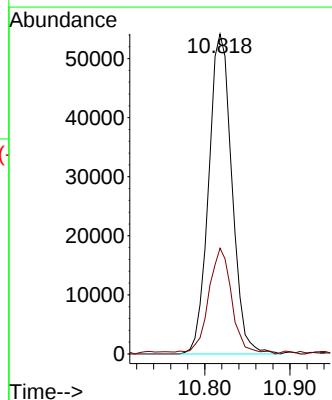
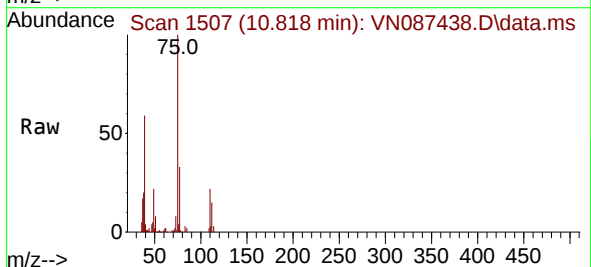
07/31/2025
Supervised By :Mahesh
Dadoda

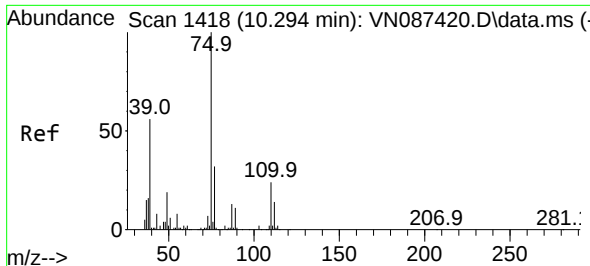
07/31/2025



#48
t-1,3-Dichloropropene
Concen: 20.134 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

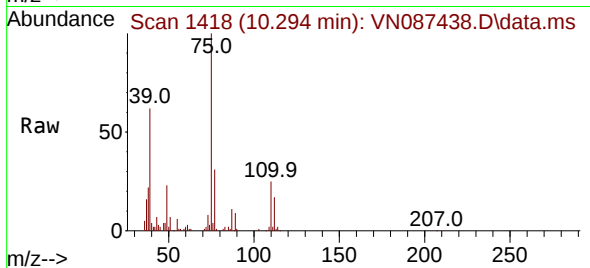
Tgt Ion: 75 Resp: 102545
Ion Ratio Lower Upper
75 100
77 32.7 25.4 38.2





#49
 cis-1,3-Dichloropropene
 Concen: 19.344 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VN087438.D
 Acq: 30 Jul 2025 09:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0730WBS01



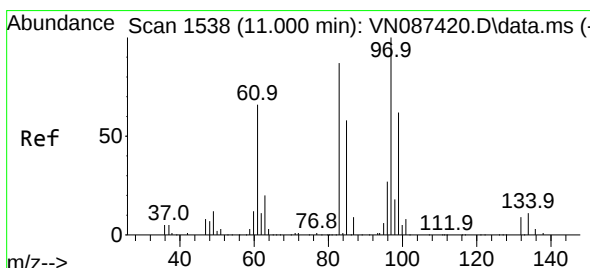
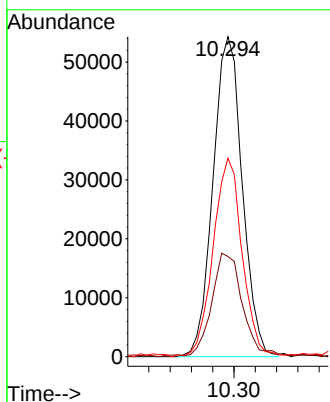
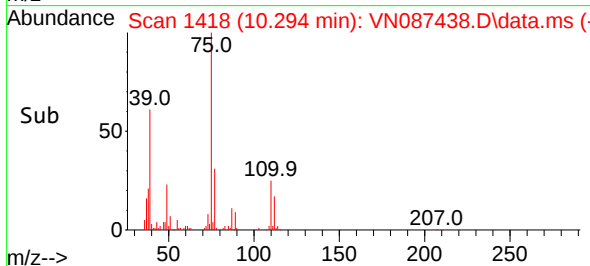
Tgt Ion: 75 Resp: 103474
 Ion Ratio Lower Upper
 75 100
 77 30.8 26.1 39.1
 39 61.4 45.0 67.4

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Reviewed By :John
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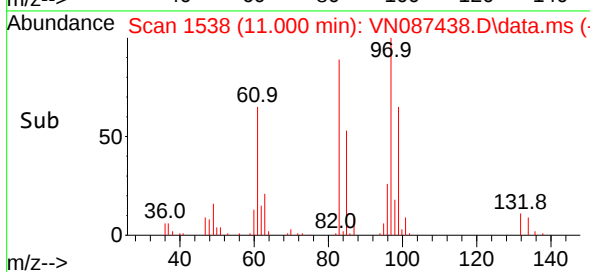
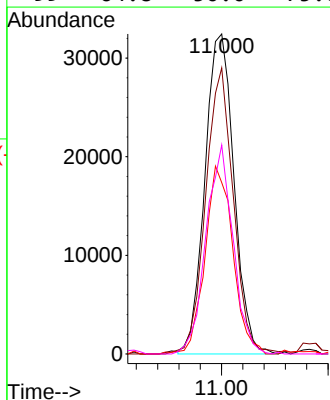
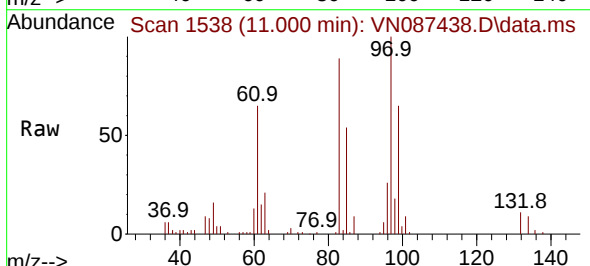
07/31/2025
 Supervised By :Mahesh
 Dadoda

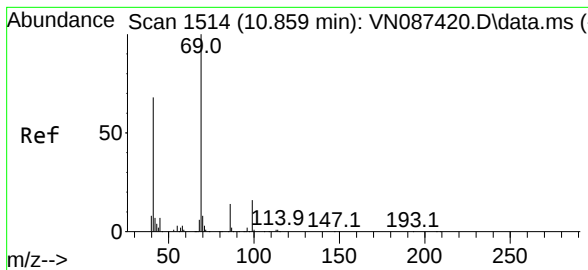
07/31/2025



#50
 1,1,2-Trichloroethane
 Concen: 20.548 ug/l
 RT: 11.000 min Scan# 1538
 Delta R.T. 0.000 min
 Lab File: VN087438.D
 Acq: 30 Jul 2025 09:57

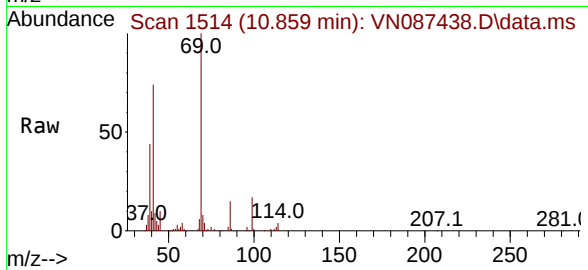
Tgt Ion: 97 Resp: 61484
 Ion Ratio Lower Upper
 97 100
 83 88.6 70.0 105.0
 85 53.6 46.2 69.2
 99 64.8 50.0 75.0





#51
Ethyl methacrylate
Concen: 19.668 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01



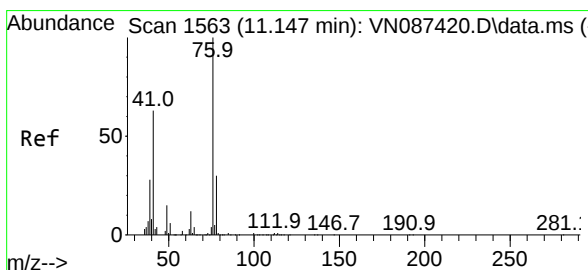
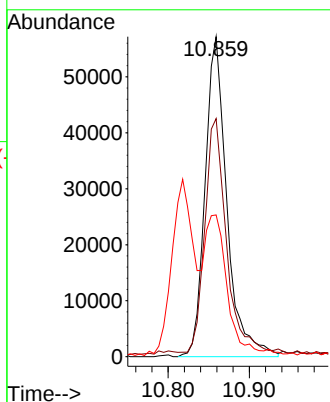
Tgt Ion: 69 Resp: 106582
Ion Ratio Lower Upper
69 100
41 73.1 33.9 101.6
39 42.9 20.3 60.9

Manual Integrations
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Reviewed By :John
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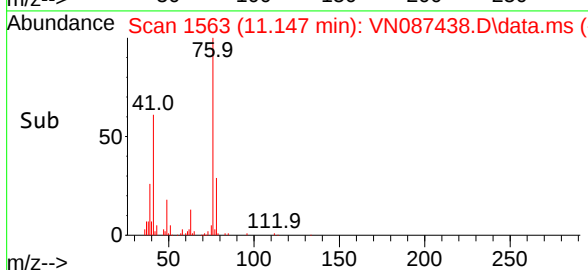
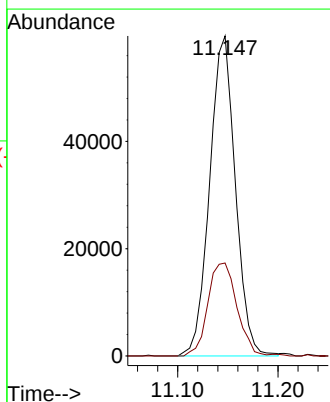
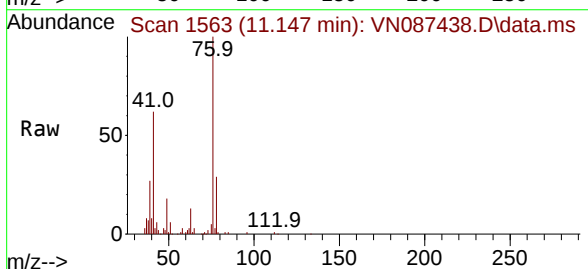
07/31/2025
Supervised By :Mahesh
Dadoda

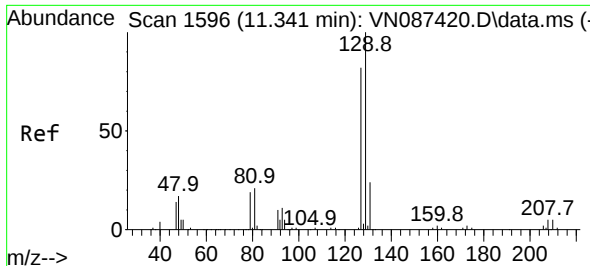
07/31/2025



#52
1,3-Dichloropropane
Concen: 20.597 ug/l
RT: 11.147 min Scan# 1563
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

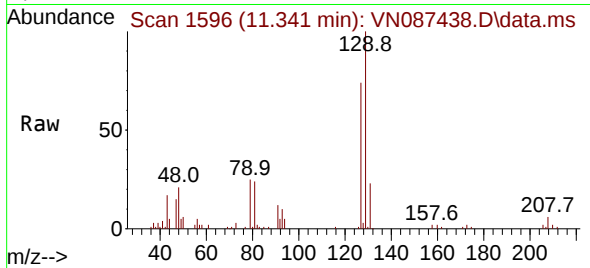
Tgt Ion: 76 Resp: 106517
Ion Ratio Lower Upper
76 100
78 32.6 0.0 67.4





#53
Dibromochloromethane
Concen: 19.579 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01



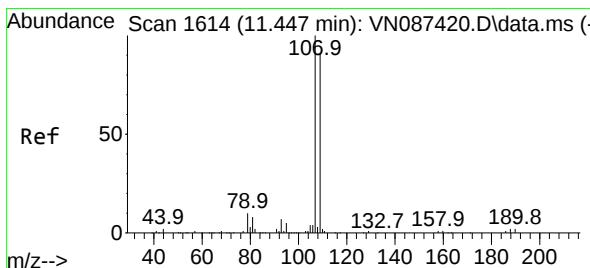
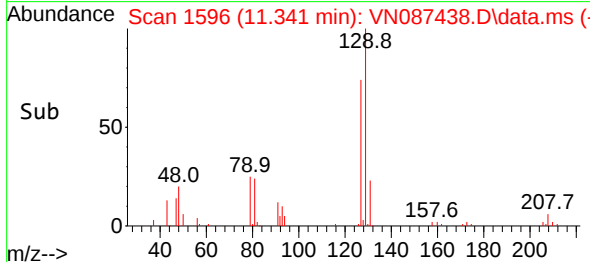
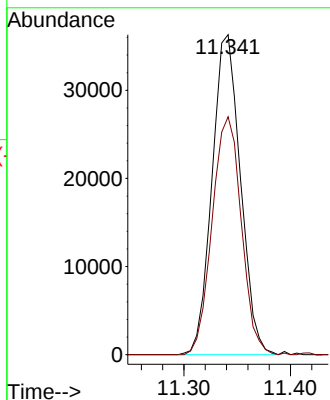
Tgt Ion:129 Resp: 67198
Ion Ratio Lower Upper
129 100
127 76.1 39.5 118.3

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Reviewed By :John
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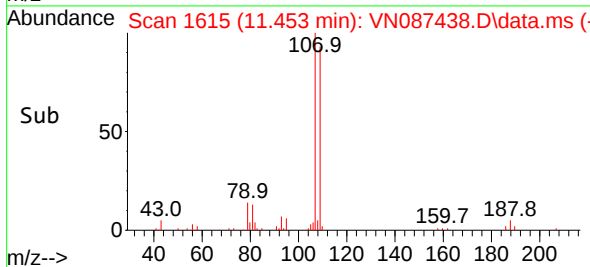
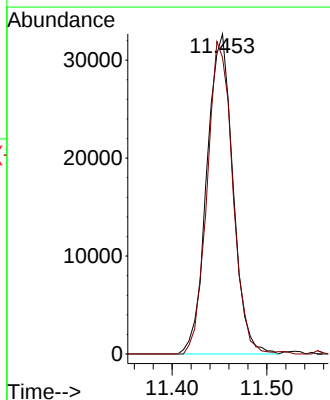
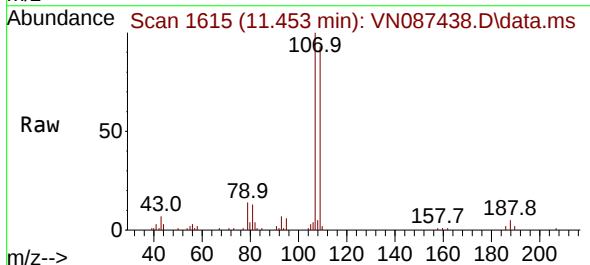
07/31/2025
Supervised By :Mahesh
Dadoda

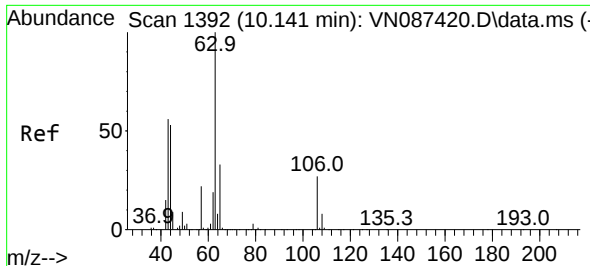
07/31/2025



#54
1,2-Dibromoethane
Concen: 19.838 ug/l
RT: 11.453 min Scan# 1615
Delta R.T. 0.006 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

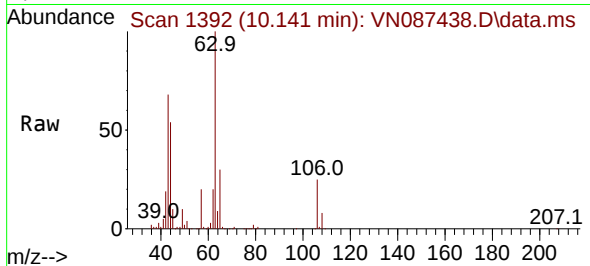
Tgt Ion:107 Resp: 62459
Ion Ratio Lower Upper
107 100
109 95.5 73.9 110.9





#55
2-Chloroethyl vinyl ether
Concen: 138.008 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01



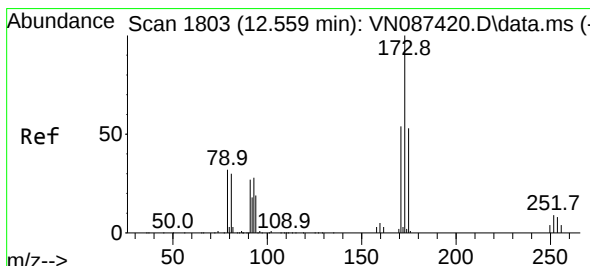
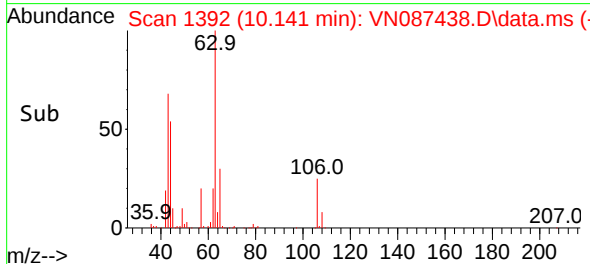
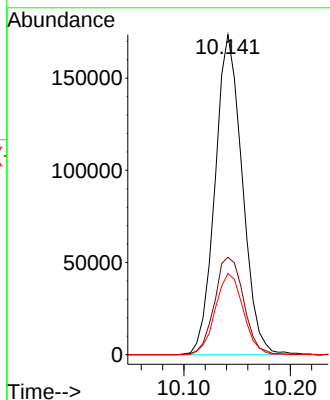
Tgt Ion: 63 Resp: 307484
Ion Ratio Lower Upper
63 100
65 32.7 26.2 39.2
106 26.0 21.3 31.9

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Reviewed By :John
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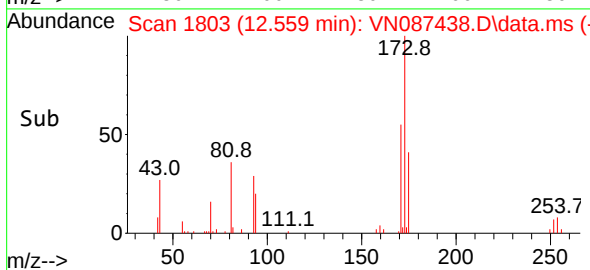
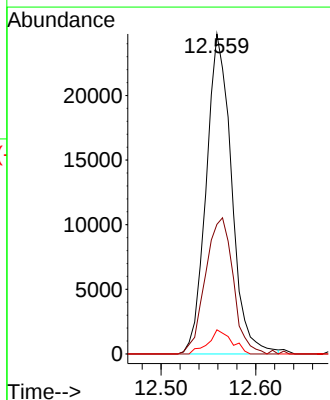
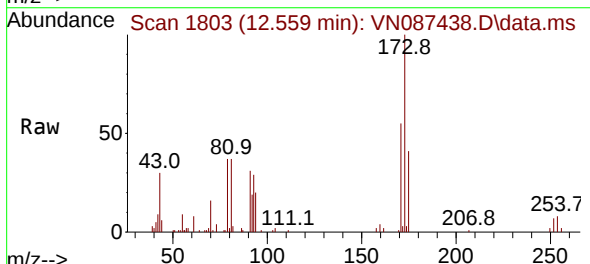
07/31/2025
Supervised By :Mahesh
Dadoda

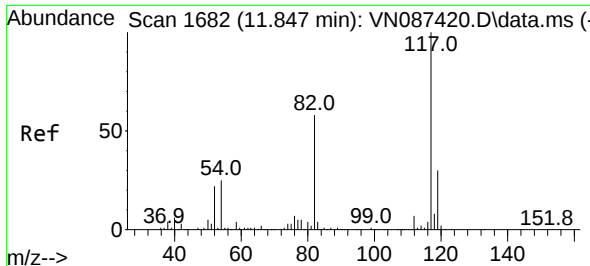
07/31/2025



#56
Bromoform
Concen: 19.098 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

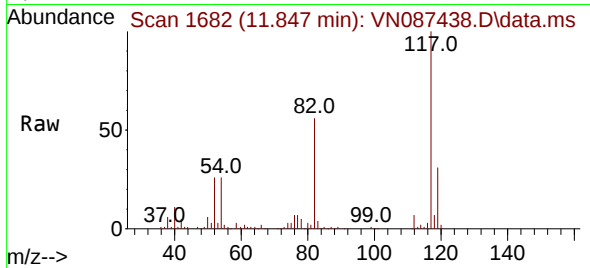
Tgt Ion:173 Resp: 45997
Ion Ratio Lower Upper
173 100
175 46.7 38.4 57.6
254 7.0 6.4 9.6





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01



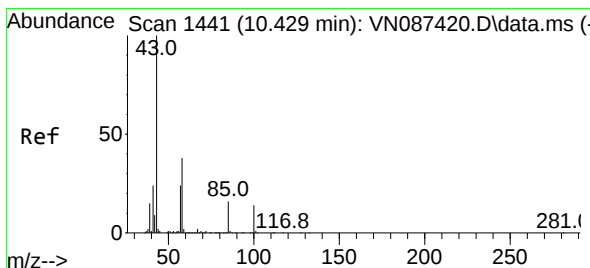
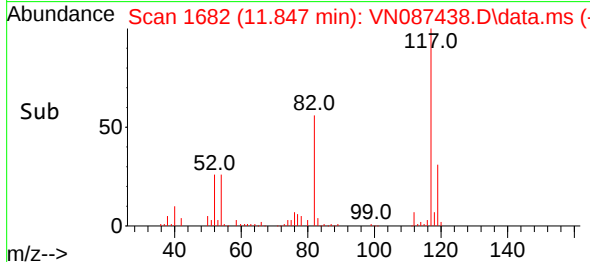
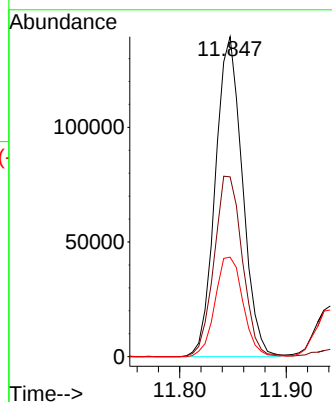
Tgt Ion:117 Resp: 24629
Ion Ratio Lower Upper
117 100
82 59.0 46.2 69.4
119 32.2 25.7 38.5

Manual Integrations
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Reviewed By :John
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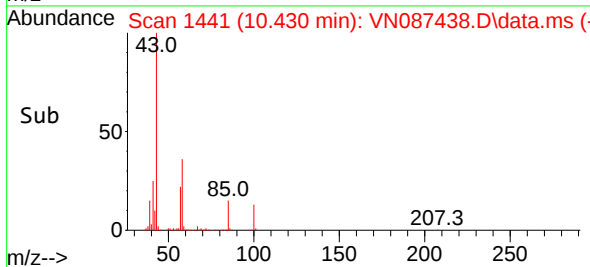
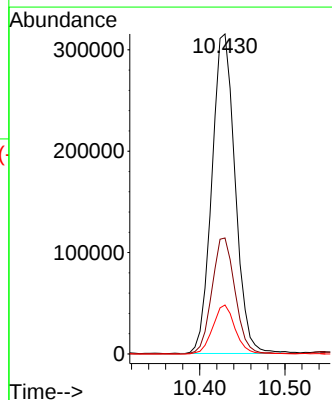
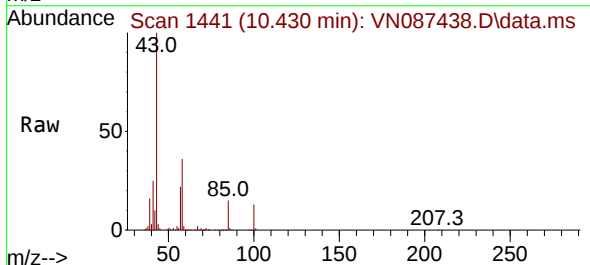
07/31/2025
Supervised By :Mahesh
Dadoda

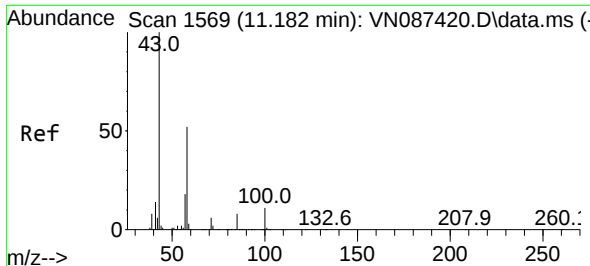
07/31/2025



#58
4-Methyl-2-Pentanone
Concen: 107.858 ug/l
RT: 10.430 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

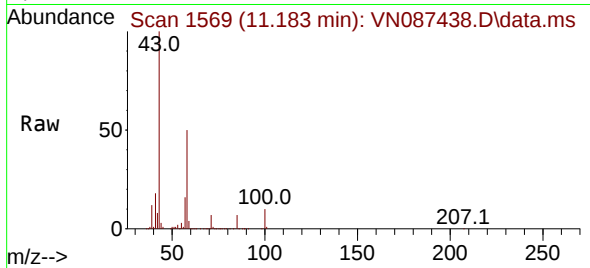
Tgt Ion: 43 Resp: 598355
Ion Ratio Lower Upper
43 100
58 36.2 29.9 44.9
85 14.8 12.8 19.2





#59
2-Hexanone
Concen: 103.079 ug/l
RT: 11.183 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01



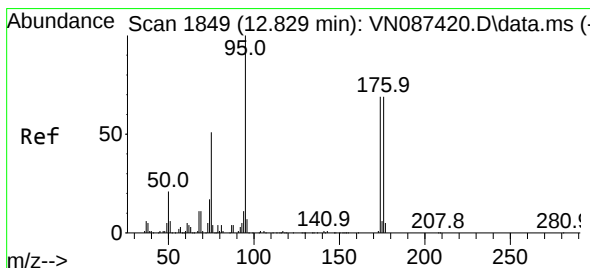
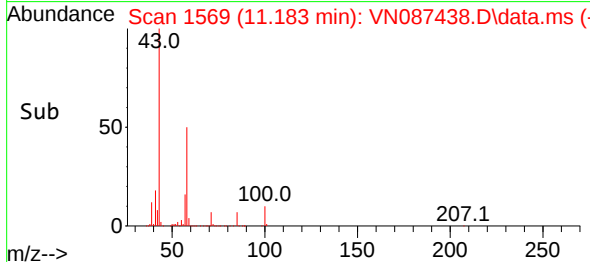
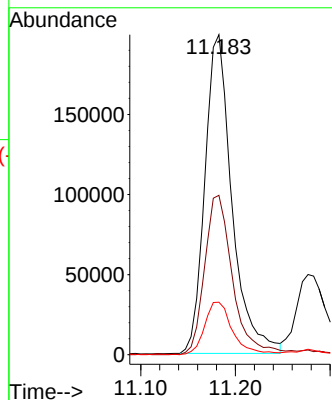
Tgt Ion: 43 Resp: 39629
Ion Ratio Lower Upper
43 100
58 51.4 42.2 63.2
57 16.9 14.3 21.5

Manual Integrations
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Reviewed By :John
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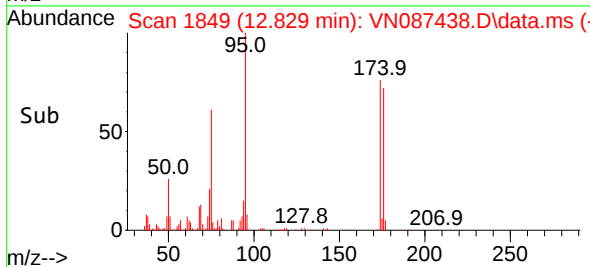
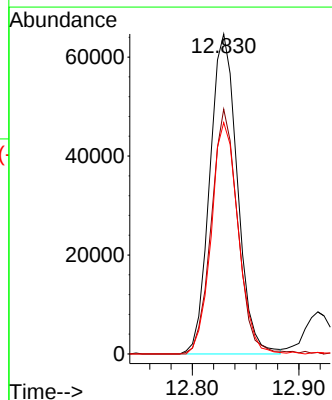
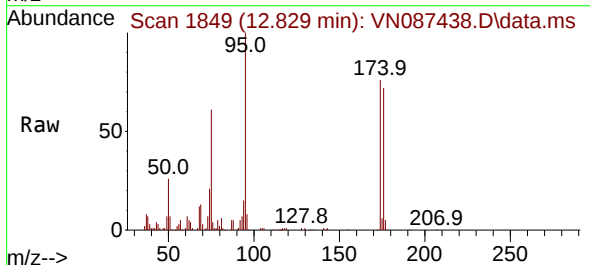
07/31/2025
Supervised By :Mahesh
Dadoda

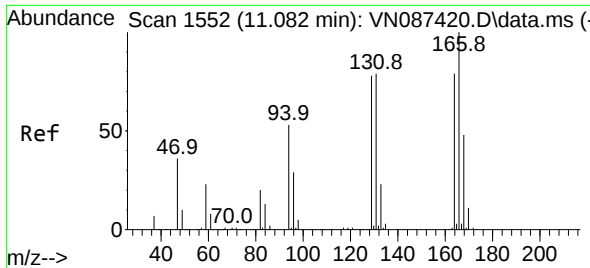
07/31/2025



#60
4-Bromofluorobenzene
Concen: 28.726 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

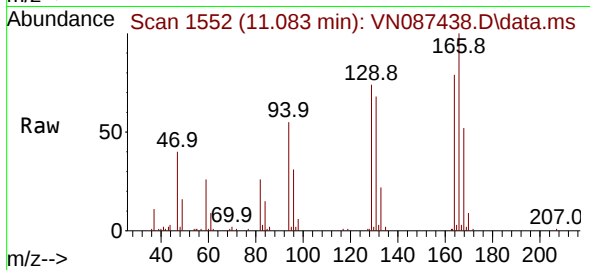
Tgt Ion: 95 Resp: 116180
Ion Ratio Lower Upper
95 100
174 73.3 57.8 86.8
176 70.7 54.9 82.3





#61
Tetrachloroethene
Concen: 18.077 ug/l
RT: 11.083 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01



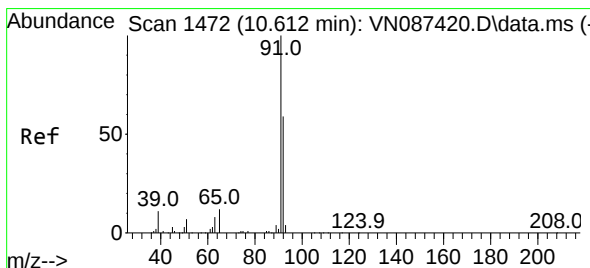
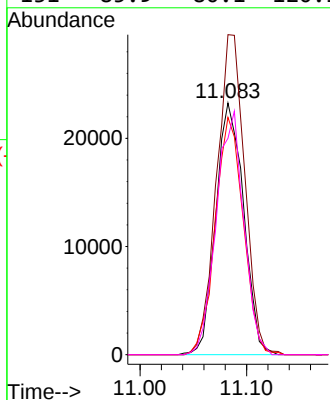
Tgt Ion:164 Resp: 4227
Ion Ratio Lower Upper
164 100
166 127.2 101.8 152.8
129 94.3 79.8 119.8
131 85.9 80.1 120.1

Manual Integrations
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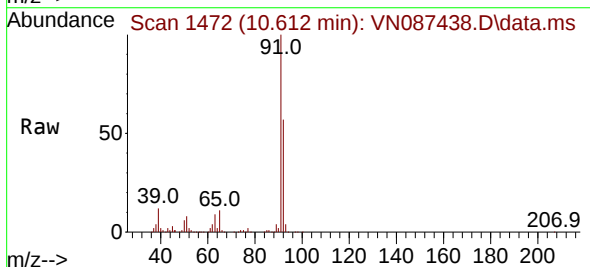
Reviewed By :John
Carlone

07/31/2025
Supervised By :Mahesh
Dadoda

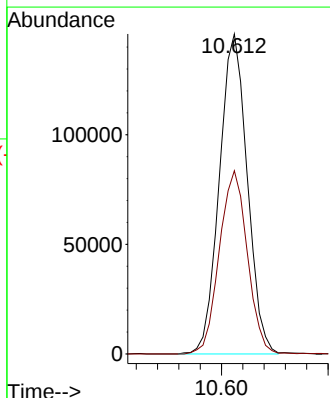
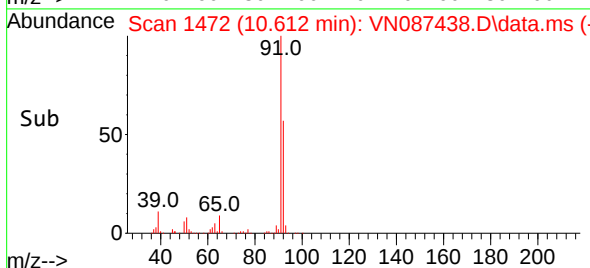
07/31/2025

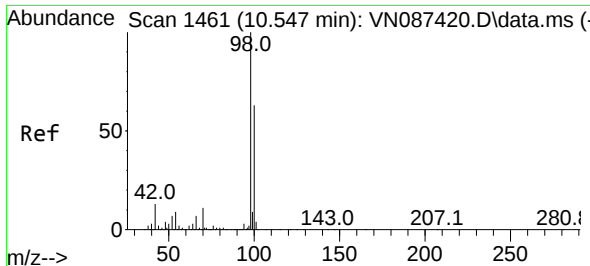


#62
Toluene
Concen: 19.082 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57



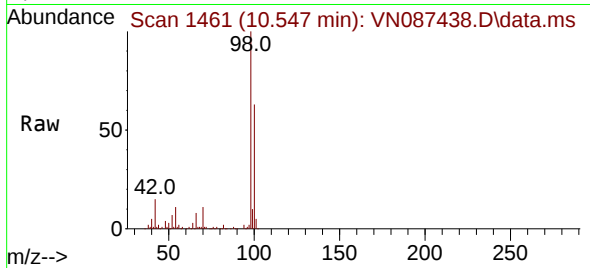
Tgt Ion: 91 Resp: 265234
Ion Ratio Lower Upper
91 100
92 57.4 45.6 68.4





#63
Toluene-d8
Concen: 30.082 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01



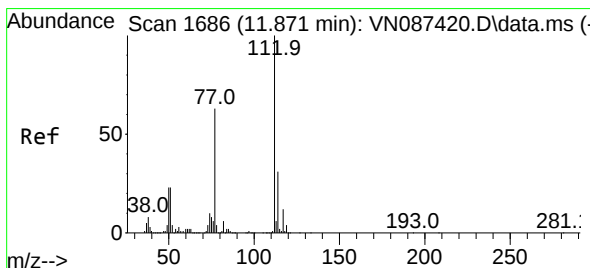
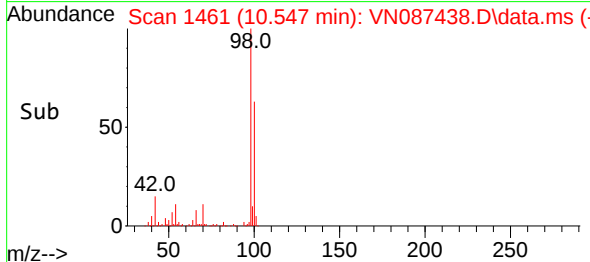
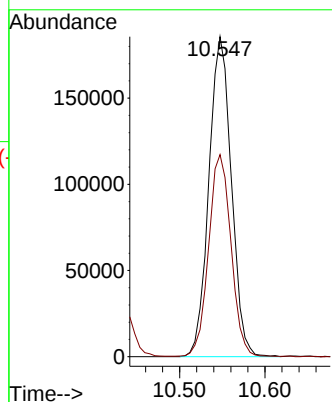
Tgt Ion: 98 Resp: 340245
Ion Ratio Lower Upper
98 100
100 63.0 50.7 76.1

Manual Integrations
APPROVED

Reviewed By :John
Carlone

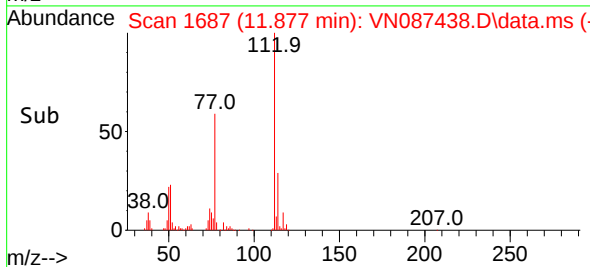
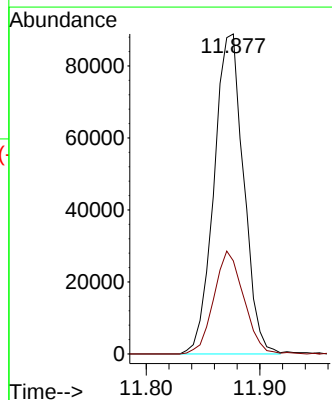
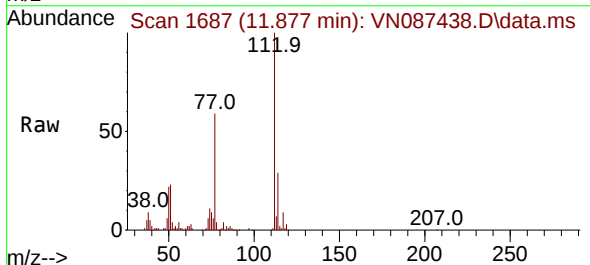
07/31/2025
Supervised By :Mahesh
Dadoda

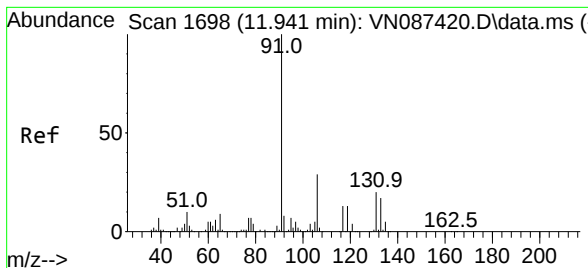
07/31/2025



#64
Chlorobenzene
Concen: 18.851 ug/l
RT: 11.877 min Scan# 1687
Delta R.T. 0.006 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

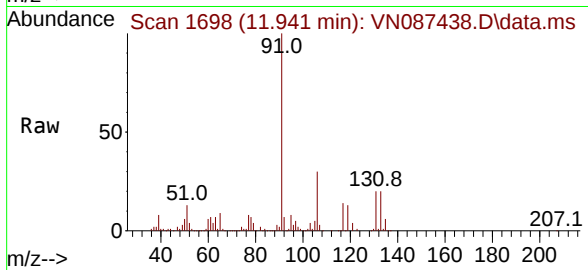
Tgt Ion:112 Resp: 161138
Ion Ratio Lower Upper
112 100
114 29.1 25.2 37.8





#65
1,1,1,2-Tetrachloroethane
Concen: 19.796 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01



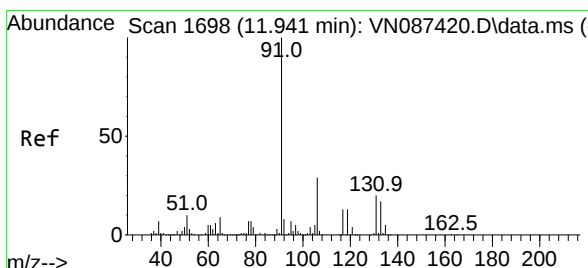
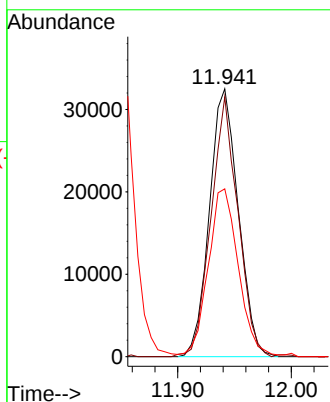
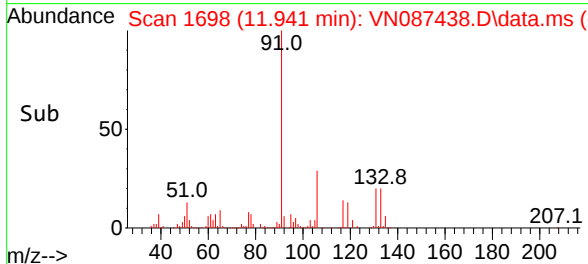
Tgt Ion:131 Resp: 57380
Ion Ratio Lower Upper
131 100
133 90.7 0.0 184.2
119 65.4 0.0 136.4

Manual Integrations
APPROVED

Reviewed By :John
Carlone

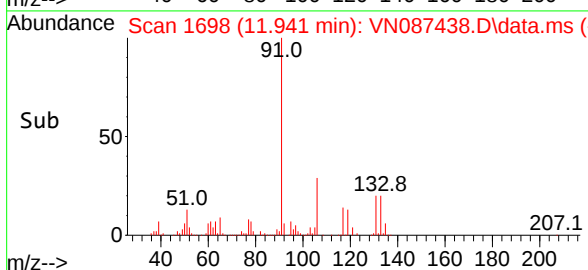
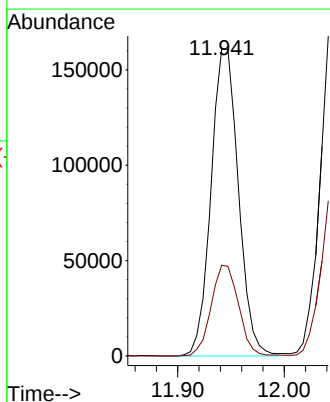
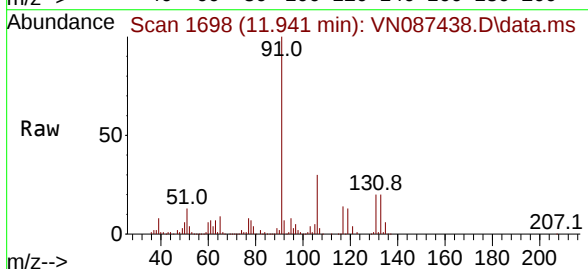
07/31/2025
Supervised By :Mahesh
Dadoda

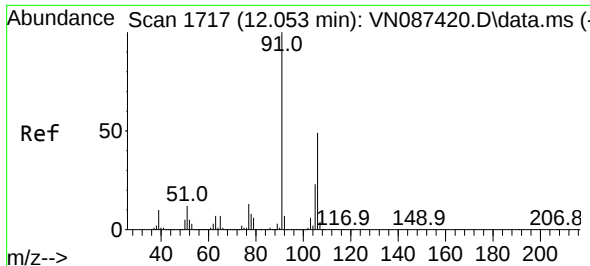
07/31/2025



#66
Ethyl Benzene
Concen: 18.966 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

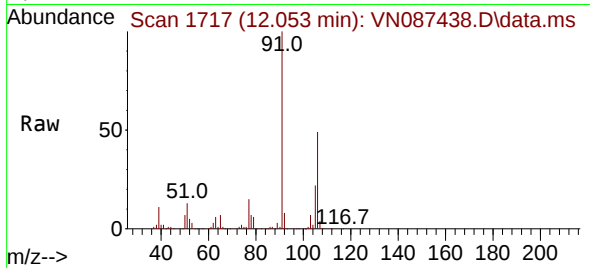
Tgt Ion: 91 Resp: 288027
Ion Ratio Lower Upper
91 100
106 29.5 23.6 35.4





#67
m/p-Xylenes
Concen: 37.489 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01



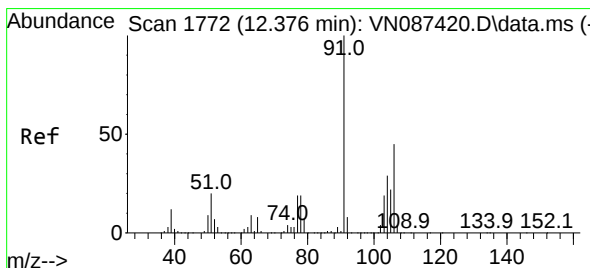
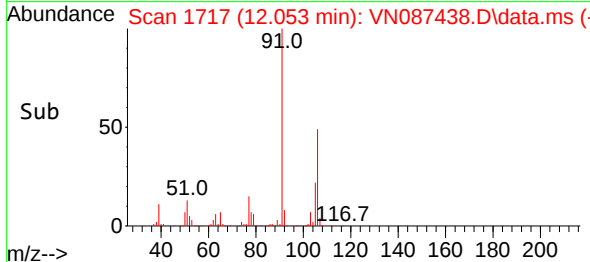
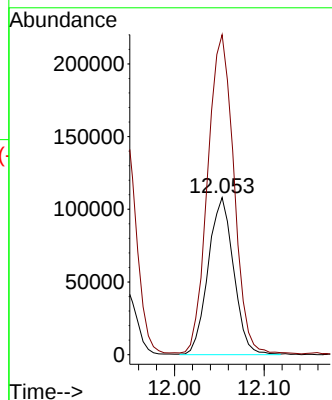
Tgt Ion:106 Resp: 213320
Ion Ratio Lower Upper
106 100
91 209.7 165.4 248.2

Manual Integrations
APPROVED

Reviewed By :John
Carlone

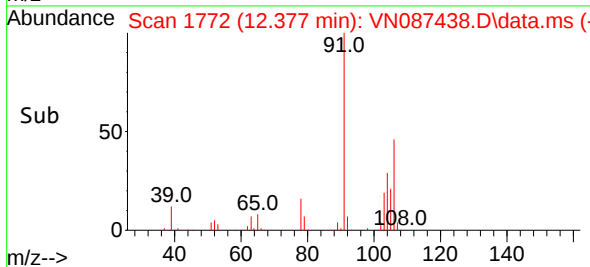
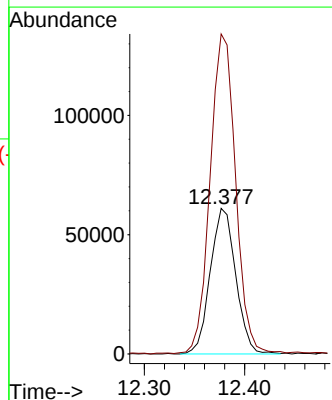
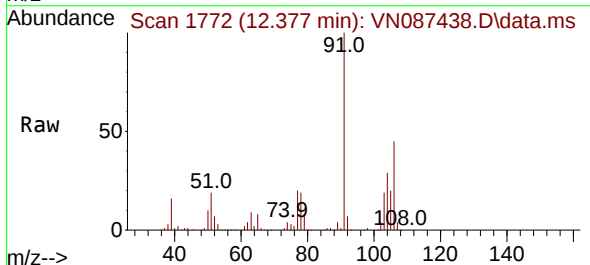
07/31/2025
Supervised By :Mahesh
Dadoda

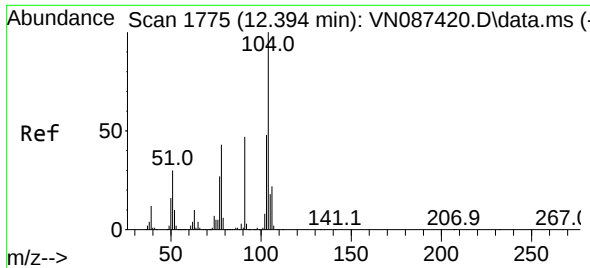
07/31/2025



#68
o-Xylene
Concen: 19.321 ug/l
RT: 12.377 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

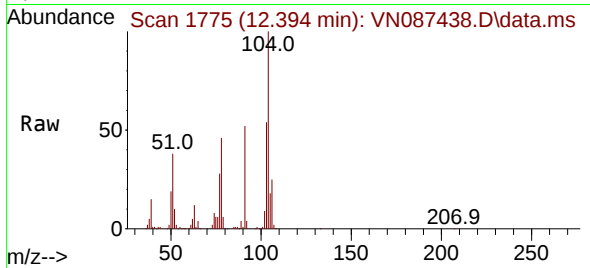
Tgt Ion:106 Resp: 107584
Ion Ratio Lower Upper
106 100
91 218.8 106.9 320.8





#69
 Styrene
 Concen: 19.152 ug/l
 RT: 12.394 min Scan# 1775
 Delta R.T. 0.000 min
 Lab File: VN087438.D
 Acq: 30 Jul 2025 09:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0730WBS01



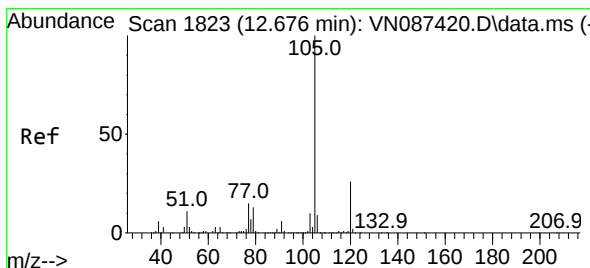
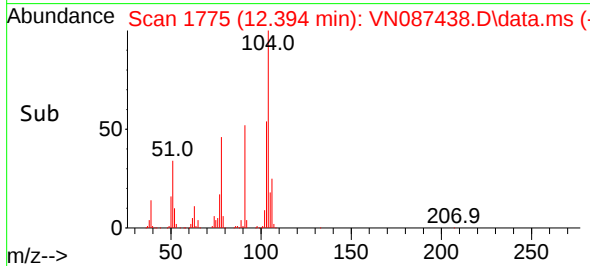
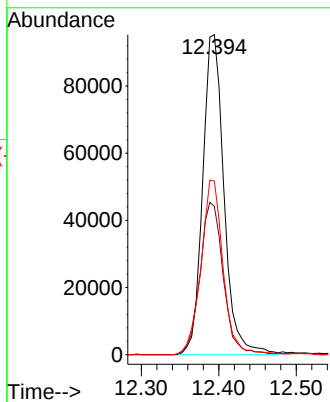
Tgt Ion:104 Resp: 182419
 Ion Ratio Lower Upper
 104 100
 78 51.7 40.6 60.8
 103 56.0 43.8 65.8

Manual Integrations
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Reviewed By :John
 Carlone

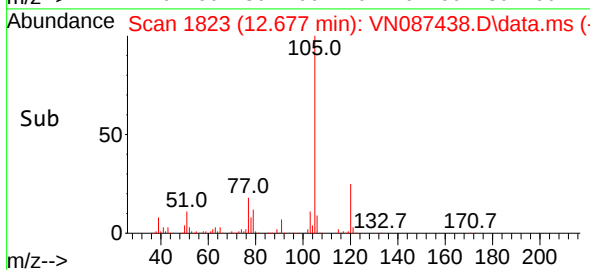
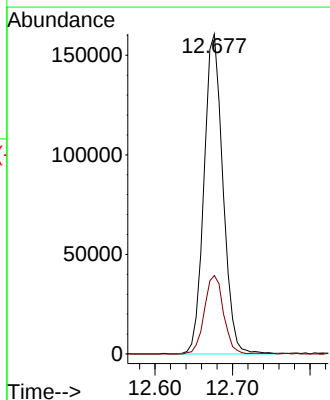
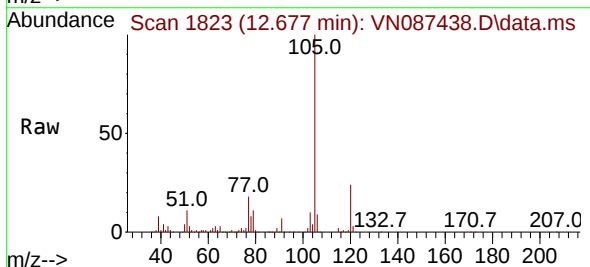
07/31/2025
 Supervised By :Mahesh
 Dadoda

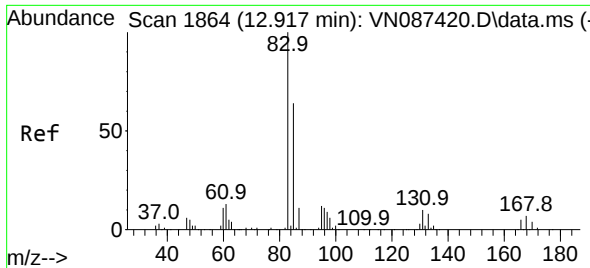
07/31/2025



#70
 Isopropylbenzene
 Concen: 19.061 ug/l
 RT: 12.677 min Scan# 1823
 Delta R.T. 0.000 min
 Lab File: VN087438.D
 Acq: 30 Jul 2025 09:57

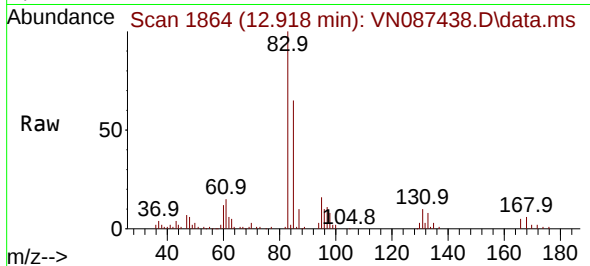
Tgt Ion:105 Resp: 272570
 Ion Ratio Lower Upper
 105 100
 120 24.7 18.1 33.5





#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.761 ug/l
 RT: 12.918 min Scan# 1864
 Delta R.T. 0.000 min
 Lab File: VN087438.D
 Acq: 30 Jul 2025 09:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0730WBS01



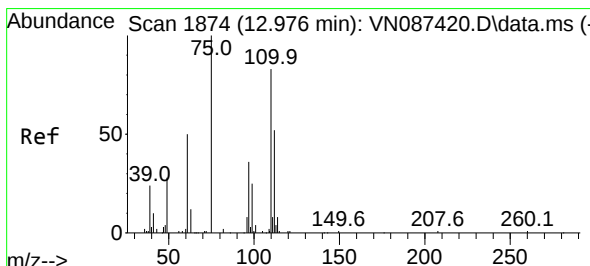
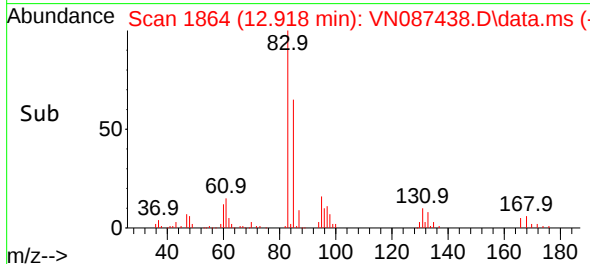
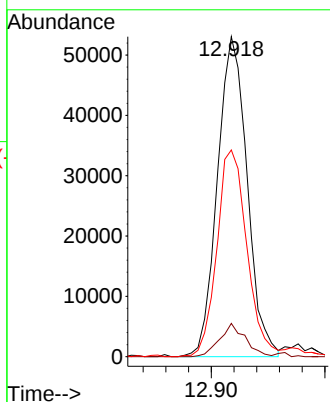
Tgt Ion: 83 Resp: 96360
 Ion Ratio Lower Upper
 83 100
 131 9.0 5.0 14.9
 85 65.1 32.7 98.1

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

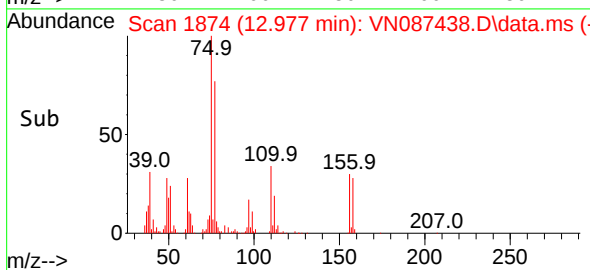
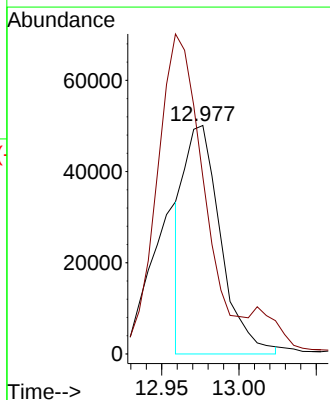
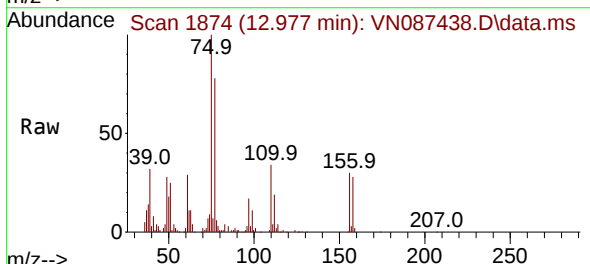
07/31/2025
 Supervised By :Mahesh
 Dadoda

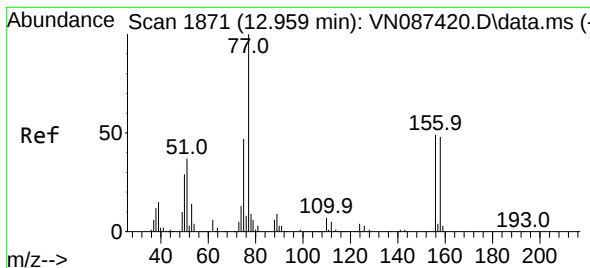
07/31/2025



#72
 1,2,3-Trichloropropane
 Concen: 18.653 ug/l m
 RT: 12.977 min Scan# 1874
 Delta R.T. 0.000 min
 Lab File: VN087438.D
 Acq: 30 Jul 2025 09:57

Tgt Ion: 75 Resp: 82734
 Ion Ratio Lower Upper
 75 100
 77 182.2 0.0 322.6





#73

Bromobenzene

Concen: 19.610 ug/l

RT: 12.959 min Scan# 1871

Delta R.T. 0.000 min

Lab File: VN087438.D

Acq: 30 Jul 2025 09:57

Instrument :

MSVOA_N

ClientSampleId :

VN0730WBS01

Tgt Ion:	156	Resp:	65150
Ion Ratio	Lower	Upper	
156	100		
77	231.3	0.0	483.0
158	93.6	0.0	195.0

Manual Integrations

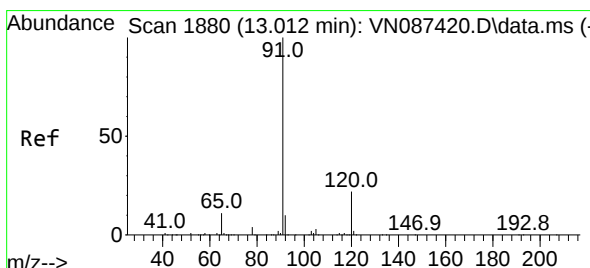
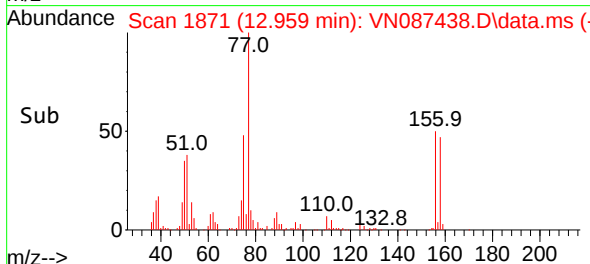
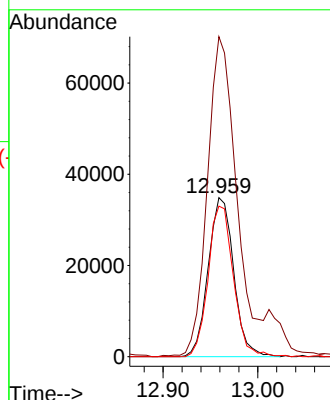
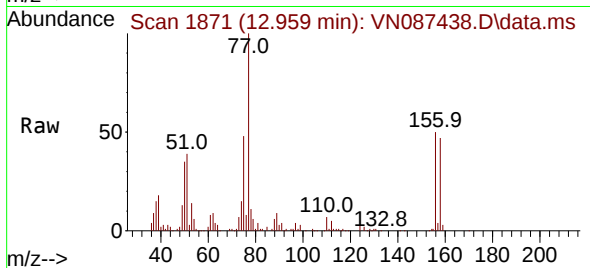
APPROVED

Reviewed By :John
Carlone

07/31/2025

Supervised By :Mahesh
Dadoda

07/31/2025



#74

n-propylbenzene

Concen: 19.271 ug/l

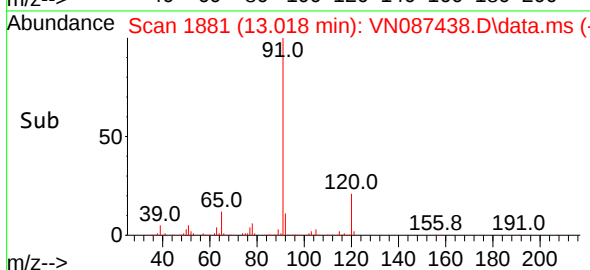
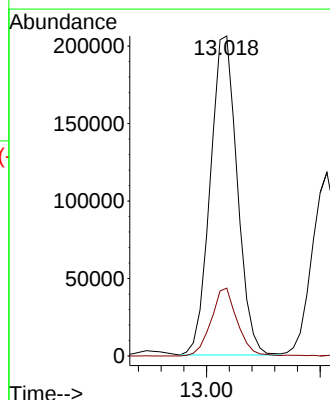
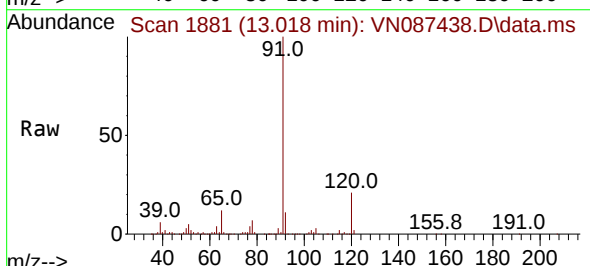
RT: 13.018 min Scan# 1881

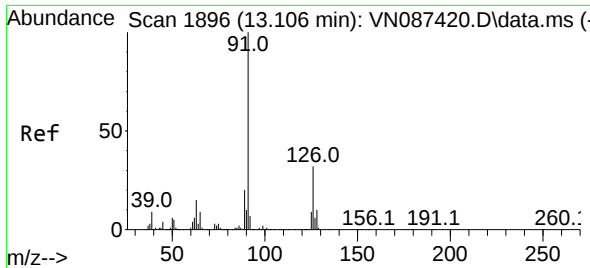
Delta R.T. 0.006 min

Lab File: VN087438.D

Acq: 30 Jul 2025 09:57

Tgt Ion:	91	Resp:	340238
Ion Ratio	Lower	Upper	
91	100		
120	20.5	0.0	44.0





#75
2-Chlorotoluene
Concen: 19.208 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01

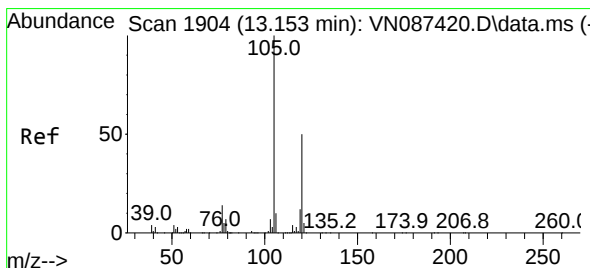
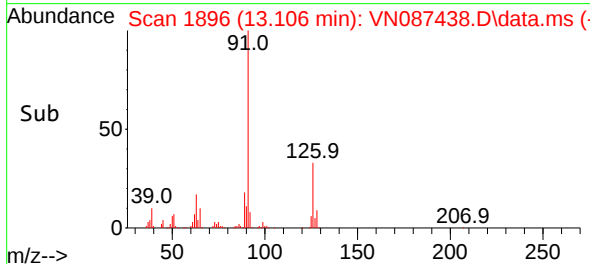
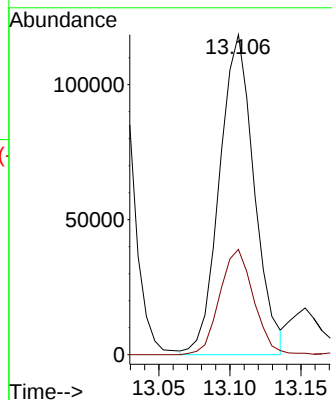
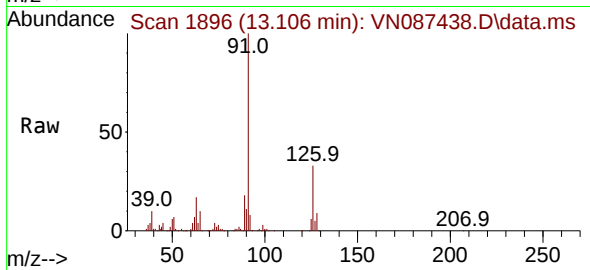
Tgt Ion: 91 Resp: 201268
Ion Ratio Lower Upper
91 100
126 32.2 0.0 64.4

Manual Integrations
APPROVED

Reviewed By :John
Carlone

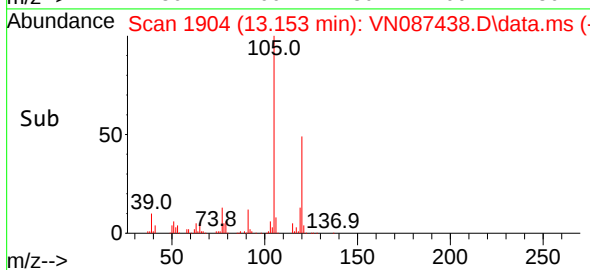
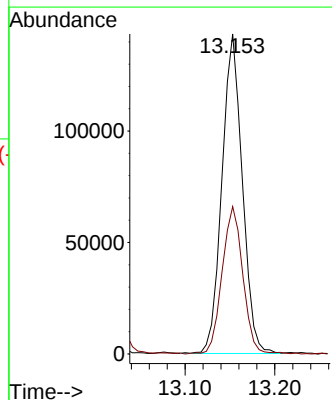
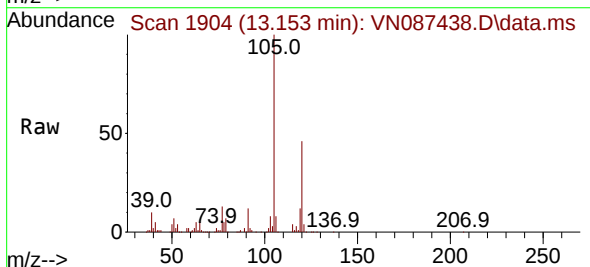
07/31/2025
Supervised By :Mahesh
Dadoda

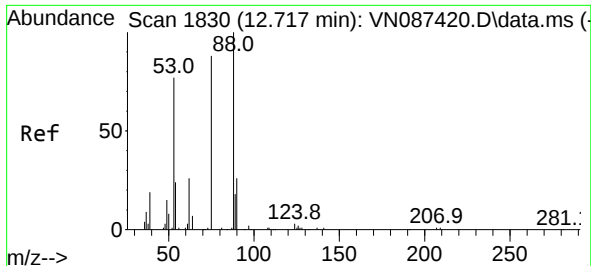
07/31/2025



#76
1,3,5-Trimethylbenzene
Concen: 19.051 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

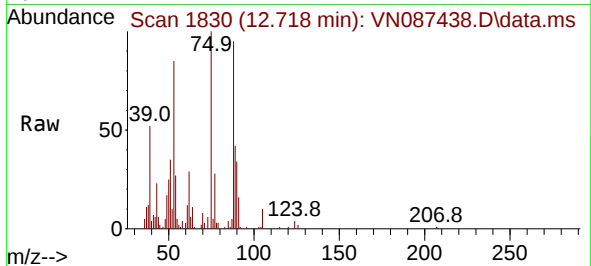
Tgt Ion:105 Resp: 225695
Ion Ratio Lower Upper
105 100
120 46.6 0.0 97.0





#77
t-1,4-Dichloro-2-butene
Concen: 17.729 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01



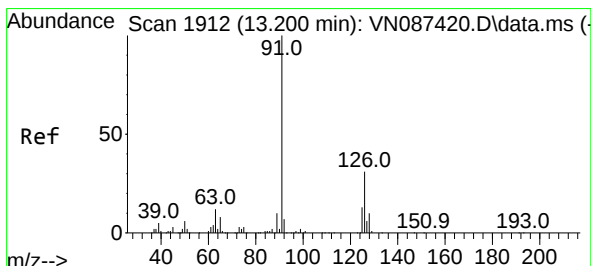
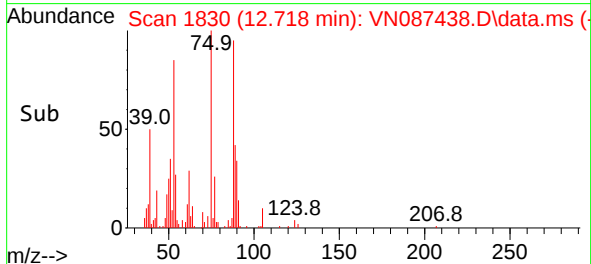
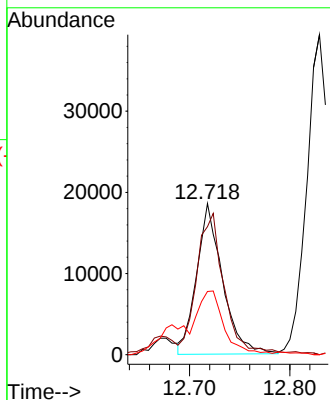
Tgt Ion: 75 Resp: 33368
Ion Ratio Lower Upper
75 100
53 83.8 44.3 132.8
89 40.6 22.4 67.3

Manual Integrations
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Reviewed By :John
Carlone

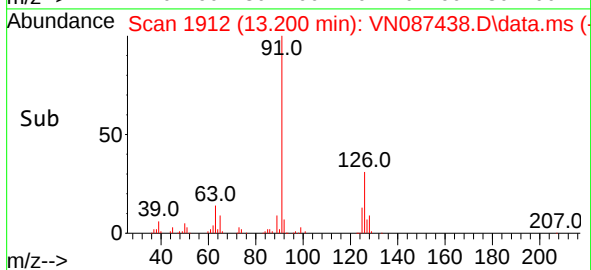
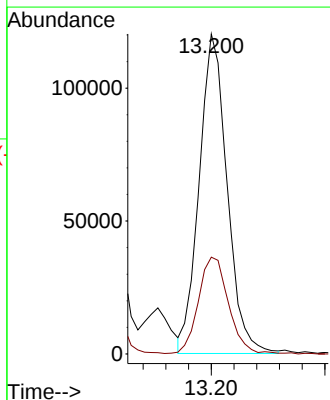
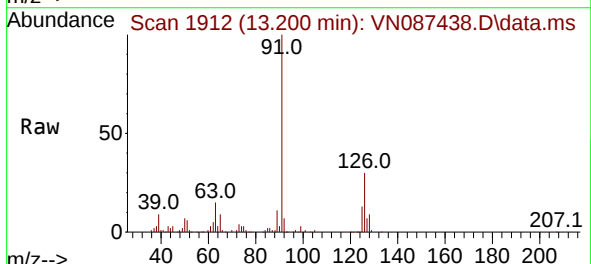
07/31/2025
Supervised By :Mahesh
Dadoda

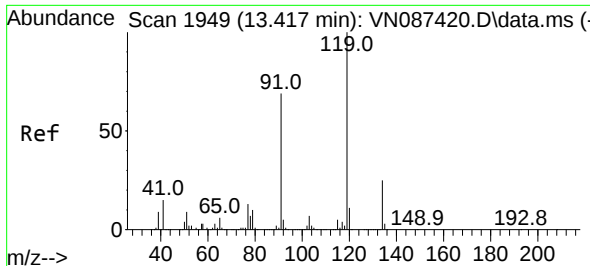
07/31/2025



#78
4-Chlorotoluene
Concen: 19.074 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

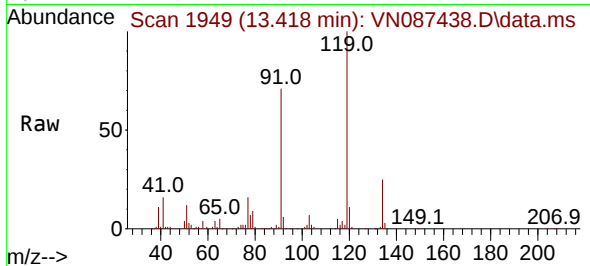
Tgt Ion: 91 Resp: 205233
Ion Ratio Lower Upper
91 100
126 32.4 0.0 63.4





#79
tert-butylbenzene
Concen: 18.409 ug/l
RT: 13.418 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01



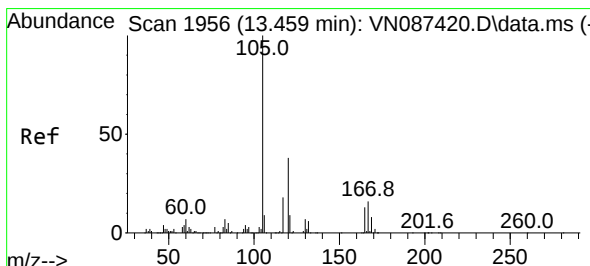
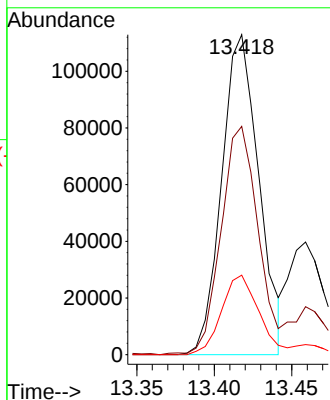
Tgt Ion:119 Resp: 188402
Ion Ratio Lower Upper
119 100
91 69.9 0.0 135.4
134 24.9 0.0 49.2

Manual Integrations
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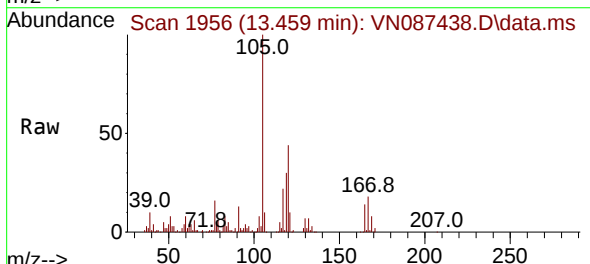
Reviewed By :John
Carlone

07/31/2025
Supervised By :Mahesh
Dadoda

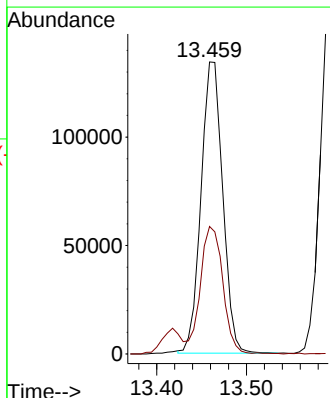
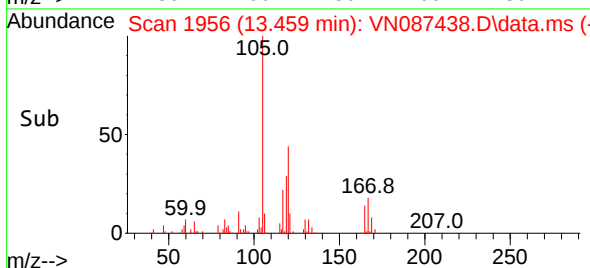
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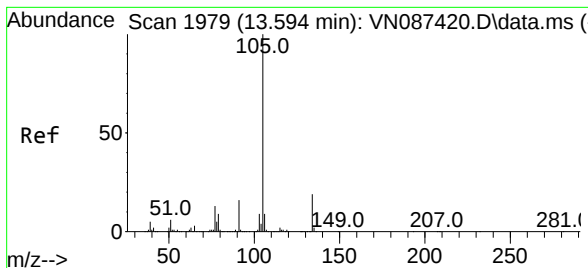


#80
1,2,4-Trimethylbenzene
Concen: 19.180 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57



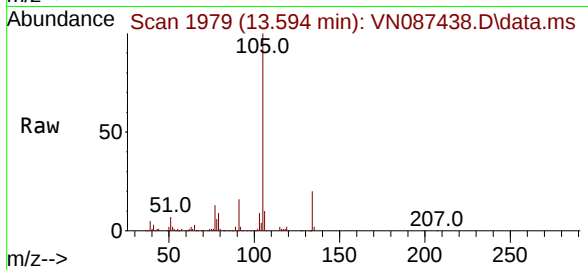
Tgt Ion:105 Resp: 225466
Ion Ratio Lower Upper
105 100
120 45.3 0.0 88.6





#81
 sec-Butylbenzene
 Concen: 18.705 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN087438.D
 Acq: 30 Jul 2025 09:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0730WBS01



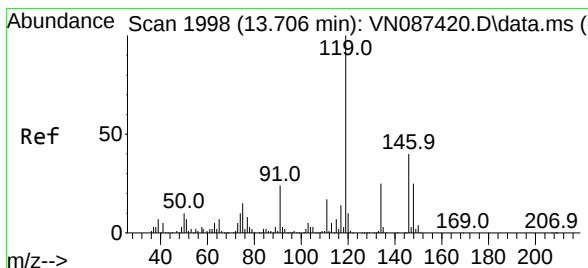
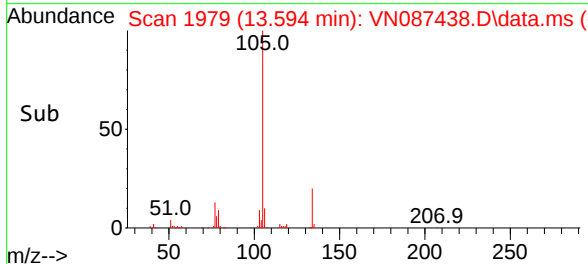
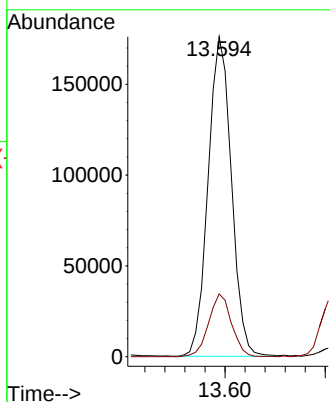
Tgt Ion:105 Resp: 284350
 Ion Ratio Lower Upper
 105 100
 134 19.2 0.0 39.0

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Reviewed By :John
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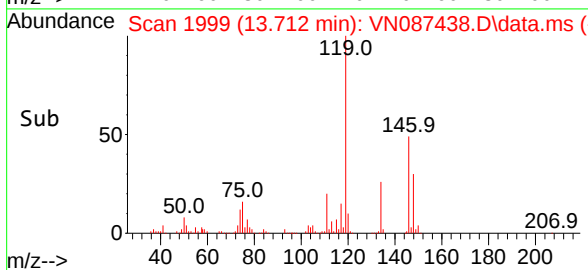
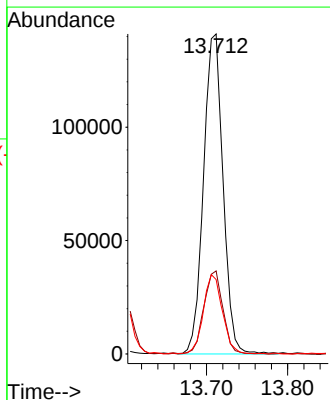
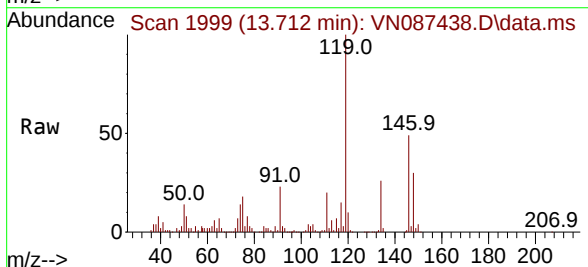
07/31/2025
 Supervised By :Mahesh
 Dadoda

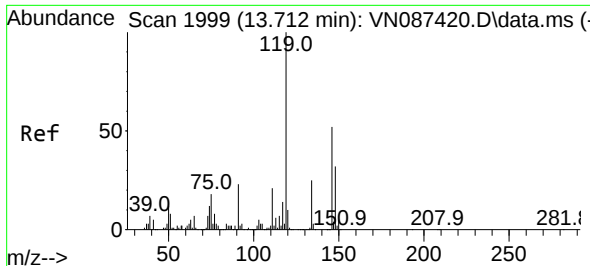
07/31/2025



#82
 p-Isopropyltoluene
 Concen: 19.094 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. 0.006 min
 Lab File: VN087438.D
 Acq: 30 Jul 2025 09:57

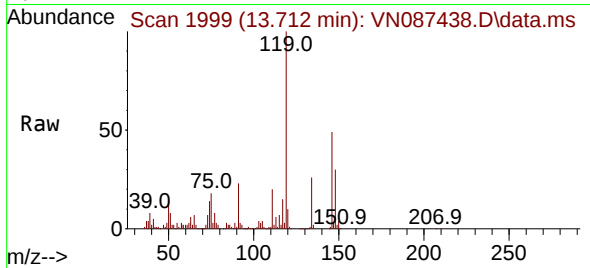
Tgt Ion:119 Resp: 235598
 Ion Ratio Lower Upper
 119 100
 134 25.4 0.0 50.8
 91 23.9 0.0 47.6





#83
1,3-Dichlorobenzene
Concen: 19.310 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01



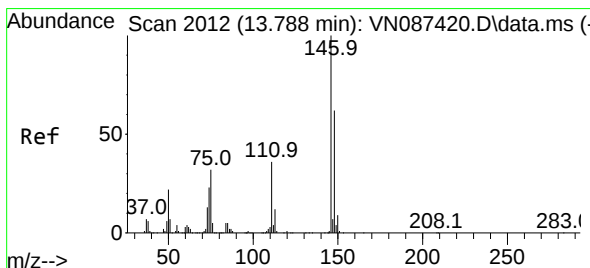
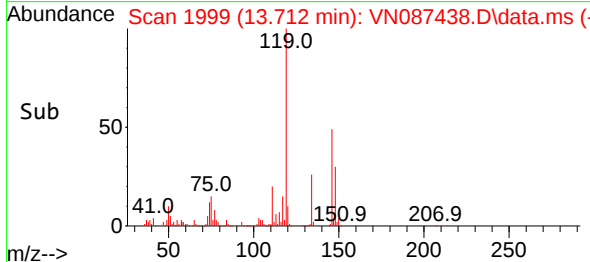
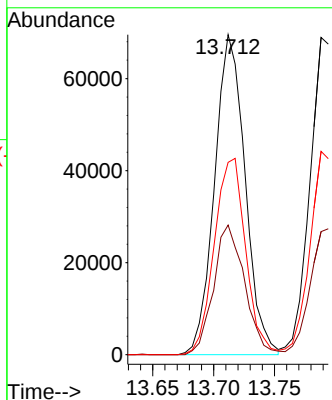
Tgt Ion:146 Resp: 121415
Ion Ratio Lower Upper
146 100
111 41.4 19.9 59.7
148 63.1 31.9 95.5

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Reviewed By :John
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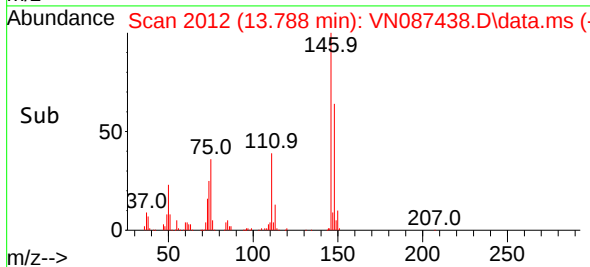
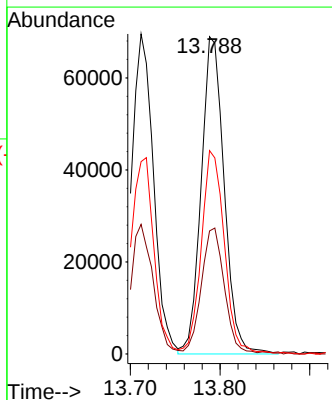
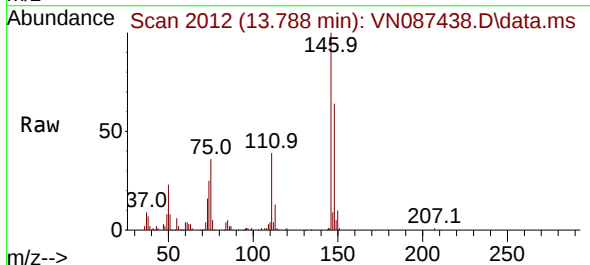
07/31/2025
Supervised By :Mahesh
Dadoda

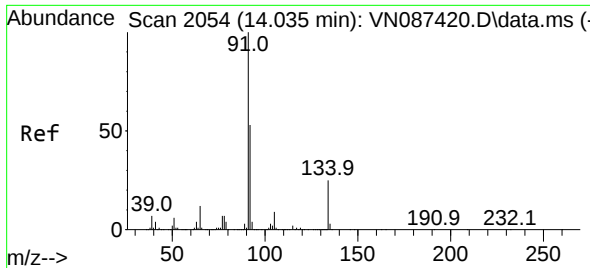
07/31/2025



#84
1,4-Dichlorobenzene
Concen: 18.660 ug/l
RT: 13.788 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

Tgt Ion:146 Resp: 122695
Ion Ratio Lower Upper
146 100
111 39.7 19.1 57.3
148 64.1 31.4 94.2





#85
n-Butylbenzene
Concen: 18.818 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01

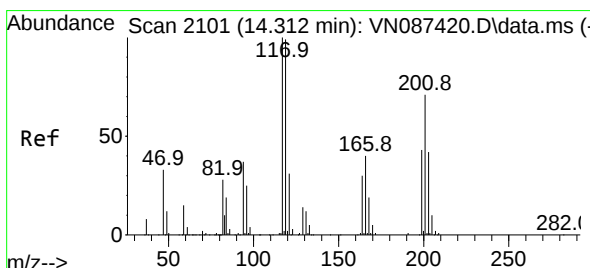
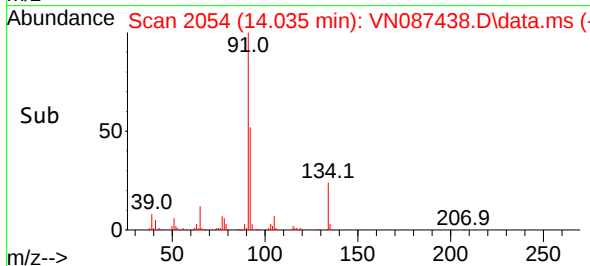
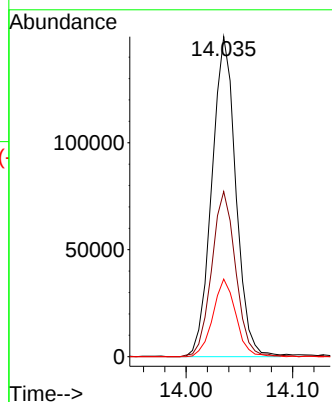
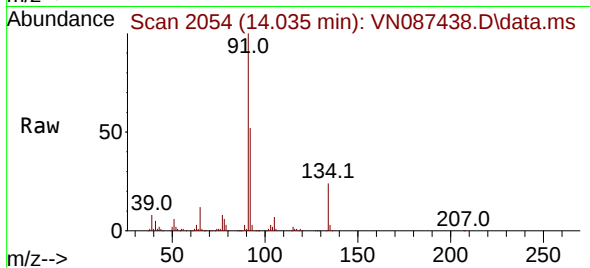
Tgt Ion: 91 Resp: 23384
Ion Ratio Lower Upper
91 100
92 51.5 0.0 104.8
134 23.3 0.0 49.0

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Reviewed By :John
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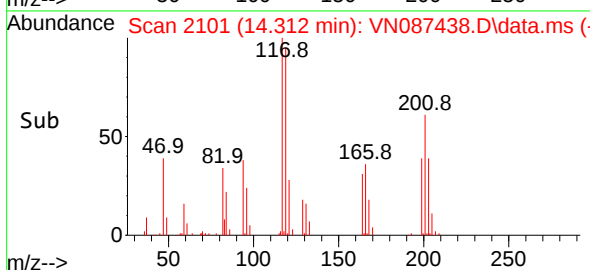
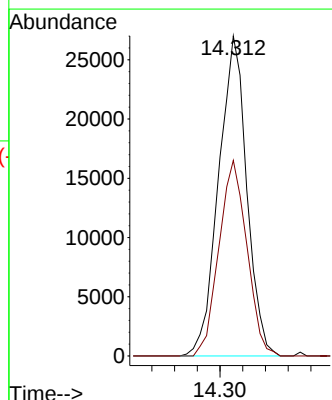
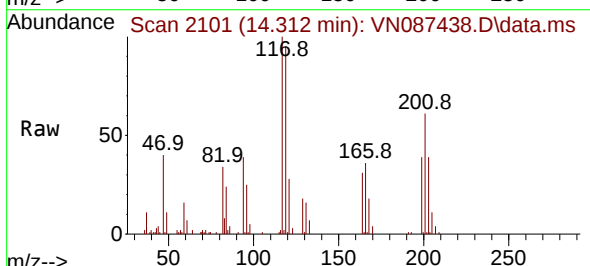
07/31/2025
Supervised By :Mahesh
Dadoda

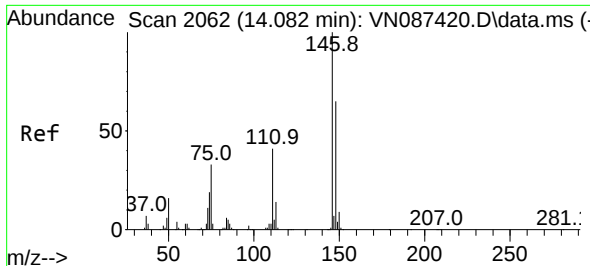
07/31/2025



#86
Hexachloroethane
Concen: 18.552 ug/l
RT: 14.312 min Scan# 2101
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

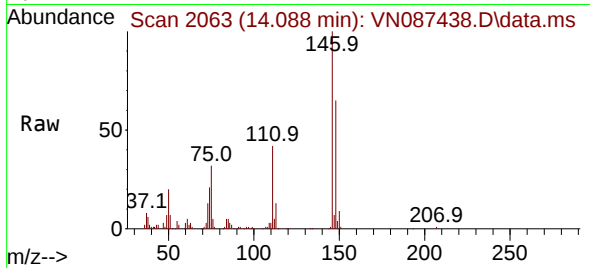
Tgt Ion:117 Resp: 46491
Ion Ratio Lower Upper
117 100
201 60.7 32.7 98.1





#87
1,2-Dichlorobenzene
Concen: 19.660 ug/l
RT: 14.088 min Scan# 2062
Delta R.T. 0.006 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01



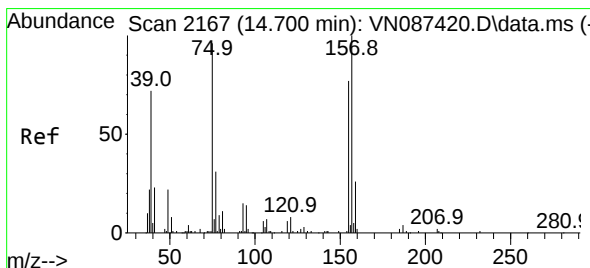
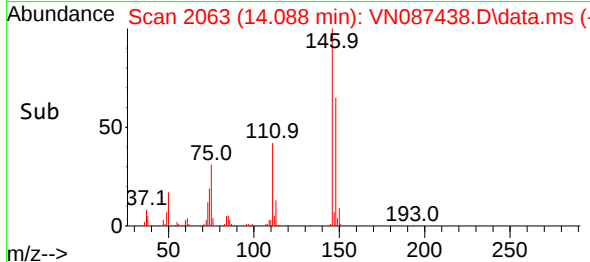
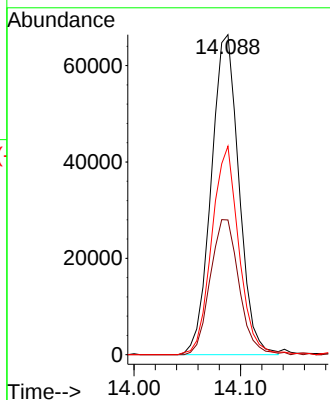
Tgt Ion:146 Resp: 12017
Ion Ratio Lower Upper
146 100
111 43.7 20.6 61.9
148 63.4 32.5 97.5

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Reviewed By :John
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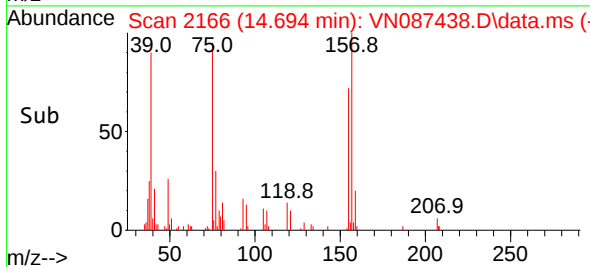
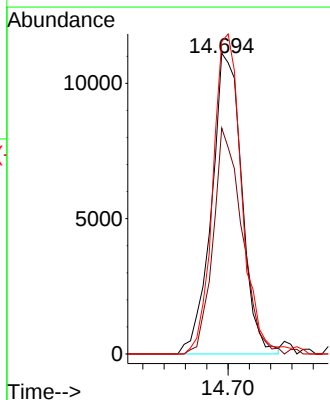
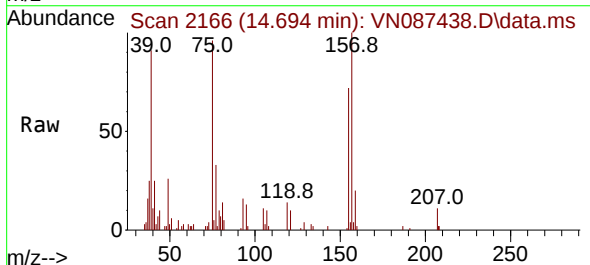
07/31/2025
Supervised By :Mahesh
Dadoda

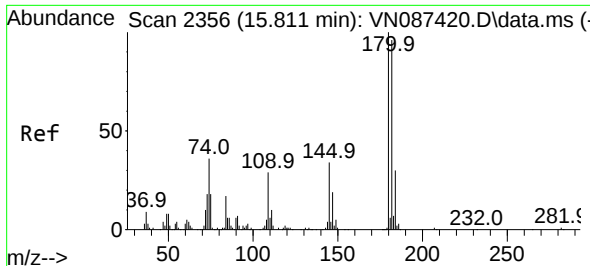
07/31/2025



#88
1,2-Dibromo-3-Chloropropane
Concen: 19.442 ug/l
RT: 14.694 min Scan# 2166
Delta R.T. -0.006 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

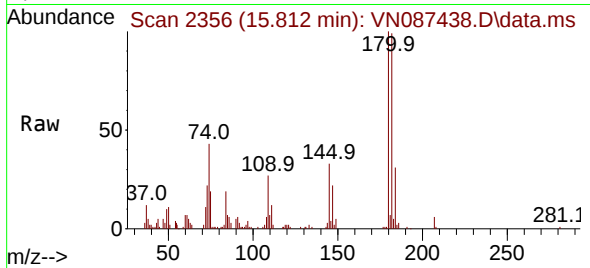
Tgt Ion: 75 Resp: 21882
Ion Ratio Lower Upper
75 100
155 71.7 64.4 96.6
157 100.8 82.3 123.5





#89
1,2,4-Trichlorobenzene
Concen: 18.212 ug/l
RT: 15.812 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01



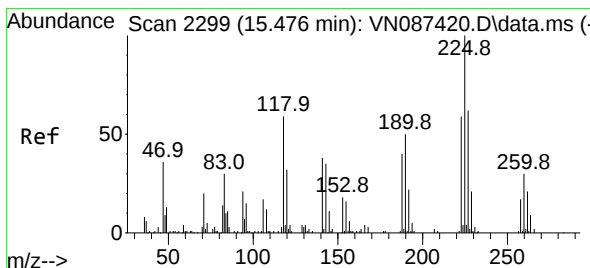
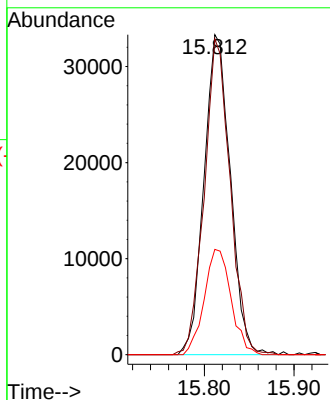
Tgt Ion:180 Resp: 67898
Ion Ratio Lower Upper
180 100
182 96.7 74.7 112.1
145 33.5 27.4 41.2

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Reviewed By :John
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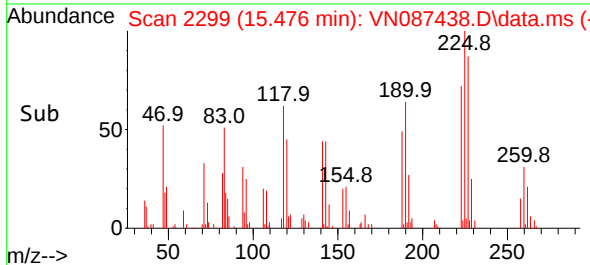
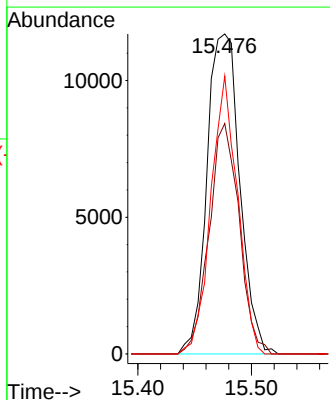
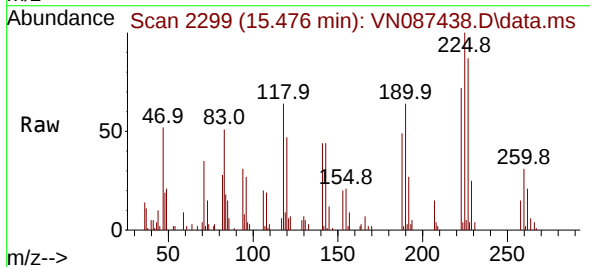
07/31/2025
Supervised By :Mahesh
Dadoda

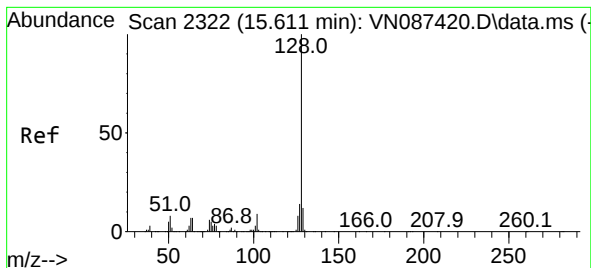
07/31/2025



#90
Hexachlorobutadiene
Concen: 16.565 ug/l
RT: 15.476 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

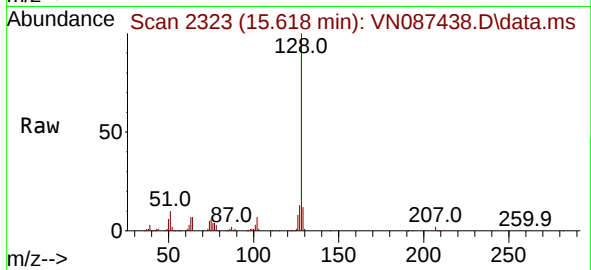
Tgt Ion:225 Resp: 23513
Ion Ratio Lower Upper
225 100
223 65.9 0.0 125.4
227 70.7 0.0 125.0





#91
Naphthalene
Concen: 19.050 ug/l
RT: 15.618 min Scan# 2322
Delta R.T. 0.006 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01



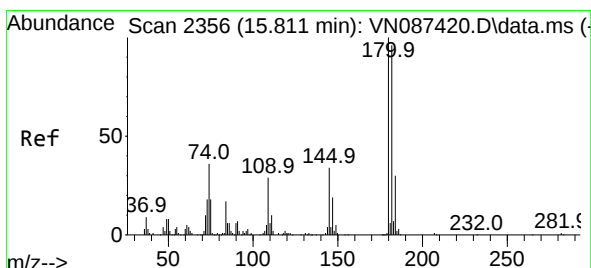
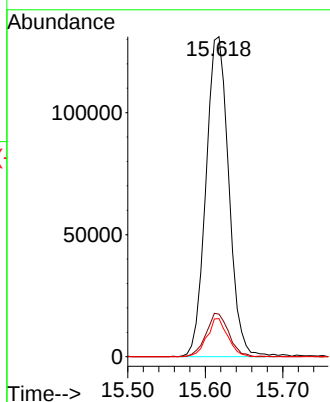
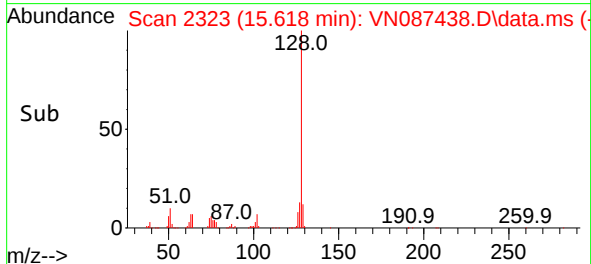
Tgt Ion:128 Resp: 26842
Ion Ratio Lower Upper
128 100
127 13.5 10.7 16.1
129 10.8 9.1 13.7

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Supervised By :Mahesh
Dadoda

07/31/2025



#92
1,2,3-Trichlorobenzene
Concen: 18.212 ug/l
RT: 15.812 min Scan# 2356
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

Tgt Ion:180 Resp: 67898
Ion Ratio Lower Upper
180 100
182 96.7 0.0 186.8
145 33.5 0.0 68.6

