

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042325\
 Data File : VN086372.D
 Acq On : 23 Apr 2025 09:22
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

04/24/2025
 Supervised By :Mahesh
 Dadoda

Quant Time: Apr 24 04:20:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042325W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 24 03:57:58 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	D
-----							04
Internal Standards							
1) Bromochloromethane	7.806	128	29756	30.000	ug/l	0.00	
28) 1,4-Difluorobenzene	9.094	114	182016	30.000	ug/l	0.00	
57) Chlorobenzene-d5	11.859	117	162942	30.000	ug/l	0.00	
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	8.577	65	88562	30.870	ug/l	0.00	
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.900%	
60) 4-Bromofluorobenzene	12.847	95	91848	28.680	ug/l	0.00	
Spiked Amount	30.000	Range	63 - 112	Recovery	=	95.600%	
63) Toluene-d8	10.565	98	271554	30.293	ug/l	0.00	
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.967%	
Target Compounds						Qvalue	
2) Dichlorodifluoromethane	2.124	85	9505	4.627	ug/l		94
3) Chloromethane	2.365	50	15950	5.466	ug/l		97
4) Vinyl Chloride	2.518	62	14315	5.122	ug/l		99
5) Bromomethane	2.959	94	8013	5.491	ug/l		98
6) Chloroethane	3.124	64	9935	5.332	ug/l	#	84
7) Trichlorofluoromethane	3.500	101	16921	5.129	ug/l		94
8) Diethyl Ether	3.953	74	7189	5.162	ug/l		97
9) 1,1,2-Trichlorotrifluo...	4.371	101	10150	5.005	ug/l		77
10) 1,1-Dichloroethene	4.341	96	10844	5.224	ug/l		96
11) Methyl Iodide	4.589	142	11741	4.834	ug/l		99
12) Methyl Acetate	5.018	43	13511	4.592	ug/l		93
13) Acrolein	4.183	56	6900	28.215	ug/l		86
14) Acrylonitrile	5.712	53	26695	24.377	ug/l		98
15) Acetone	4.430	58	7975	26.429	ug/l		79
16) Carbon Disulfide	4.712	76	31017	5.670	ug/l		97
17) Allyl chloride	5.018	41	17686m	5.328	ug/l		
18) Methylene Chloride	5.283	84	12377m	5.236	ug/l		
19) trans-1,2-Dichloroethene	5.788	96	11694m	5.285	ug/l		
20) Diisopropyl ether	6.671	45	39066	4.950	ug/l		94
21) 1,1-Dichloroethane	6.559	63	22218	5.143	ug/l		96
22) cis-1,2-Dichloroethene	7.482	96	14319	5.176	ug/l		96
23) tert-Butyl Alcohol	5.518	59	11367m	26.795	ug/l		
24) Methyl tert-Butyl Ether	5.794	73	38714	5.048	ug/l		96
25) Chloroform	7.959	83	22497	5.145	ug/l		99
26) Cyclohexane	8.253	56	20215	5.300	ug/l	#	95
29) 1,1-Dichloropropene	8.365	75	15773	4.916	ug/l		87
30) 2-Butanone	7.477	43	37820	24.283	ug/l	#	95
31) 2,2-Dichloropropane	7.488	77	20892	5.065	ug/l		97
32) 1,1,1-Trichloroethane	8.165	97	19441	5.070	ug/l		99
33) Carbon Tetrachloride	8.359	117	15492	4.908	ug/l		92
34) Benzene	8.600	78	51159	5.013	ug/l	#	88
35) Methacrylonitrile	7.777	41	8219	4.626	ug/l		91
36) 1,2-Dichloroethane	8.665	62	16569	5.000	ug/l		100
37) Trichloroethene	9.353	130	12434	4.867	ug/l		87
38) Methylcyclohexane	9.594	83	18253	4.925	ug/l		97
39) 1,2-Dichloropropane	9.618	63	13105	5.198	ug/l		96
40) Dibromomethane	9.706	93	8472	5.025	ug/l		94
41) Bromodichloromethane	9.882	83	17604	4.934	ug/l		97
42) Vinyl Acetate	6.600	43	140295	26.004	ug/l		100

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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VSTDICC005

Manual Integrations
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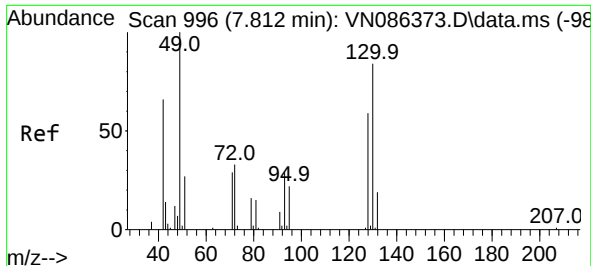
Reviewed By :John
 Carlone

04/24/2025
 Supervised By :Mahesh
 Dadoda

Quant Time: Apr 24 04:20:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042325W.M
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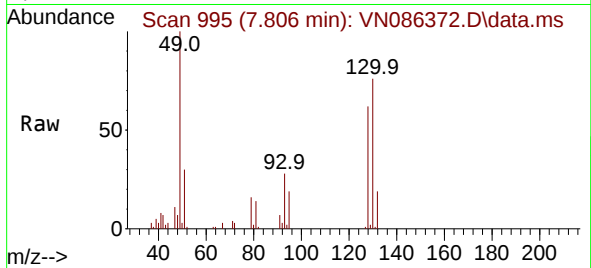
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.553	43	17261	5.600	ug/l	97
44) Isopropyl Acetate	8.682	43	31305	5.352	ug/l	95
45) 1,4-Dioxane	9.694	88	4393	96.252	ug/l #	91
46) Methyl methacrylate	9.676	41	13386	4.961	ug/l	93
47) n-amyl Acetate	12.488	43	22791	4.571	ug/l	98
48) t-1,3-Dichloropropene	10.829	75	18958	4.752	ug/l	90
49) cis-1,3-Dichloropropene	10.312	75	20273	4.819	ug/l	95
50) 1,1,2-Trichloroethane	11.012	97	11391	4.837	ug/l	91
51) Ethyl methacrylate	10.871	69	19126	4.663	ug/l	99
52) 1,3-Dichloropropane	11.159	76	20341	4.887	ug/l	98
53) Dibromochloromethane	11.359	129	12596	4.763	ug/l	99
54) 1,2-Dibromoethane	11.465	107	11656	4.868	ug/l	100
55) 2-Chloroethyl vinyl ether	10.153	63	44387	23.017	ug/l	99
56) Bromoform	12.576	173	7673	4.471	ug/l	98
58) 4-Methyl-2-Pentanone	10.441	43	78517	24.901	ug/l	99
59) 2-Hexanone	11.188	43	57648	24.809	ug/l	98
61) Tetrachloroethene	11.100	164	12905	5.193	ug/l	95
62) Toluene	10.623	91	54989	5.042	ug/l	97
64) Chlorobenzene	11.888	112	34249	5.040	ug/l	93
65) 1,1,1,2-Tetrachloroethane	11.959	131	11318	4.981	ug/l	98
66) Ethyl Benzene	11.959	91	60268	4.909	ug/l	100
67) m/p-Xylenes	12.065	106	46132	9.904	ug/l	100
68) o-Xylene	12.394	106	22418	4.915	ug/l	96
69) Styrene	12.406	104	35329	4.570	ug/l	98
70) Isopropylbenzene	12.694	105	54240	4.764	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.935	83	15250	5.087	ug/l	100
72) 1,2,3-Trichloropropane	12.988	75	12969m	4.993	ug/l	
73) Bromobenzene	12.976	156	12582	4.807	ug/l	97
74) n-propylbenzene	13.029	91	62642	4.630	ug/l	99
75) 2-Chlorotoluene	13.117	91	41015	4.856	ug/l	100
76) 1,3,5-Trimethylbenzene	13.170	105	43366	4.642	ug/l	98
77) t-1,4-Dichloro-2-butene	12.735	75	6133	4.624	ug/l	95
78) 4-Chlorotoluene	13.217	91	39565	4.685	ug/l	100
79) tert-butylbenzene	13.435	119	38515	4.814	ug/l	97
80) 1,2,4-Trimethylbenzene	13.476	105	44636	4.679	ug/l	100
81) sec-Butylbenzene	13.611	105	54186	4.745	ug/l	100
82) p-Isopropyltoluene	13.723	119	42872	4.486	ug/l	99
83) 1,3-Dichlorobenzene	13.729	146	22737	4.595	ug/l	98
84) 1,4-Dichlorobenzene	13.811	146	22845	4.673	ug/l	98
85) n-Butylbenzene	14.053	91	37323	4.377	ug/l	99
86) Hexachloroethane	14.323	117	7050	4.512	ug/l	95
87) 1,2-Dichlorobenzene	14.106	146	22541	4.788	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.711	75	2991	4.909	ug/l #	89
89) 1,2,4-Trichlorobenzene	15.829	180	9424	4.392	ug/l	98
90) Hexachlorobutadiene	15.500	225	4341	5.023	ug/l	96
91) Naphthalene	15.635	128	33080	4.306	ug/l	97
92) 1,2,3-Trichlorobenzene	15.829	180	9424	4.392	ug/l	98

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.806 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086372.D
Acq: 23 Apr 2025 09:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



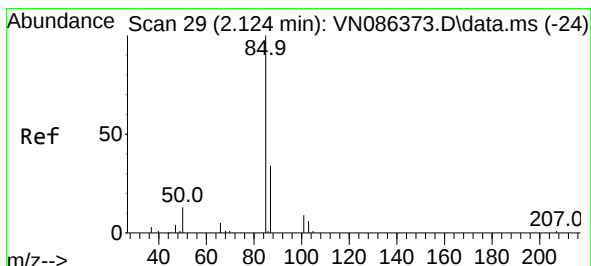
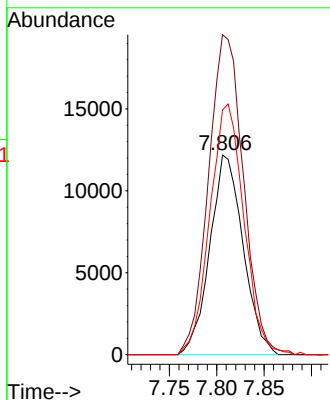
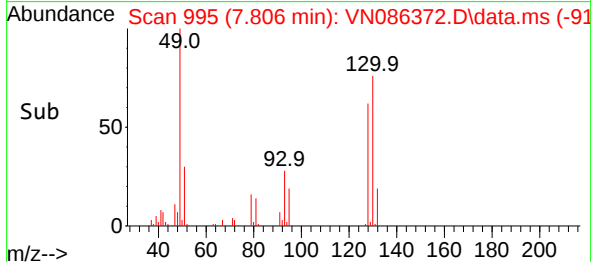
Tgt Ion:128 Resp: 29750
Ion Ratio Lower Upper
128 100
49 168.0 0.0 433.8
130 128.5 0.0 325.0

Manual Integrations
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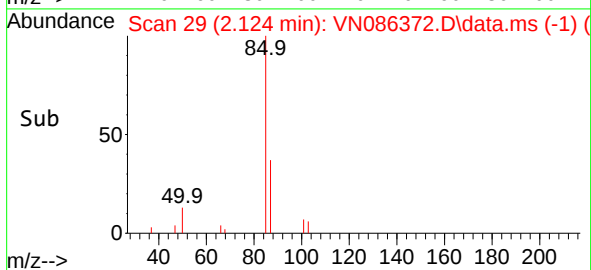
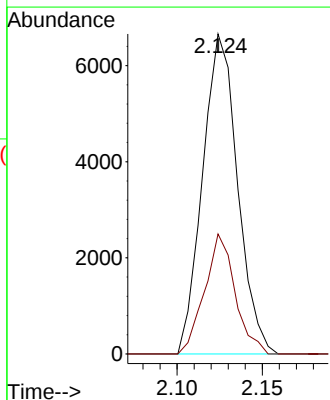
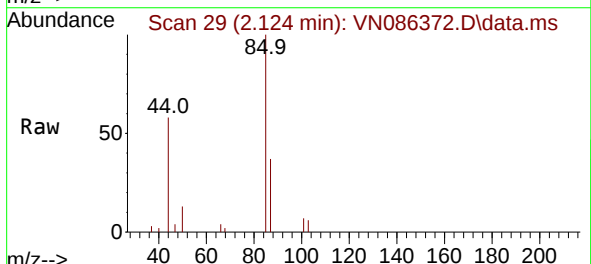
04/24/2025
Supervised By :Mahesh
Dadoda

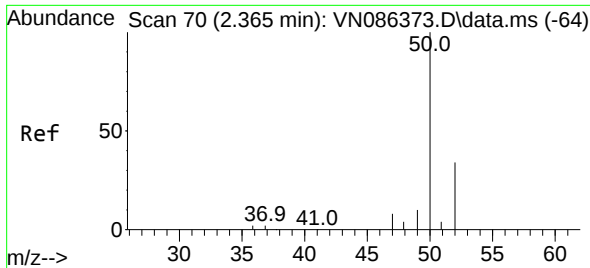
04/25/2025



#2
Dichlorodifluoromethane
Concen: 4.627 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086372.D
Acq: 23 Apr 2025 09:22

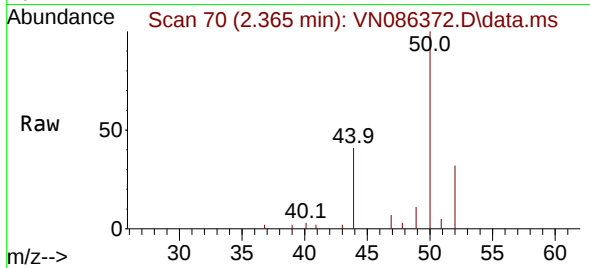
Tgt Ion: 85 Resp: 9505
Ion Ratio Lower Upper
85 100
87 37.5 17.0 50.9





#3
Chloromethane
Concen: 5.466 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.000 min
Lab File: VN086372.D
Acq: 23 Apr 2025 09:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



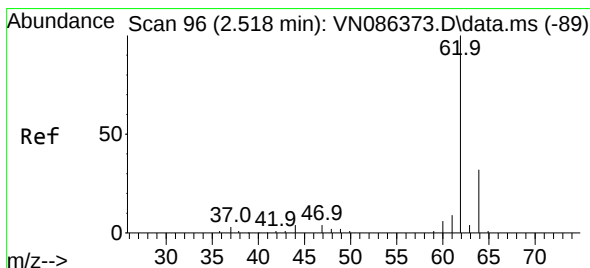
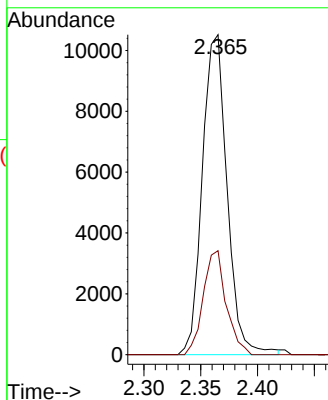
Tgt Ion: 50 Resp: 15950
Ion Ratio Lower Upper
50 100
52 32.5 27.3 40.9

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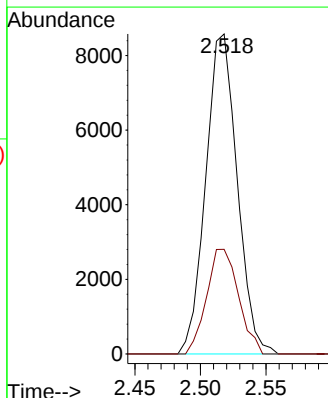
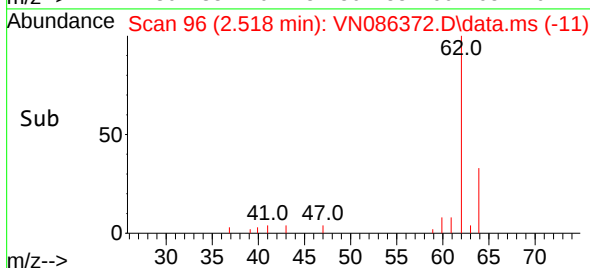
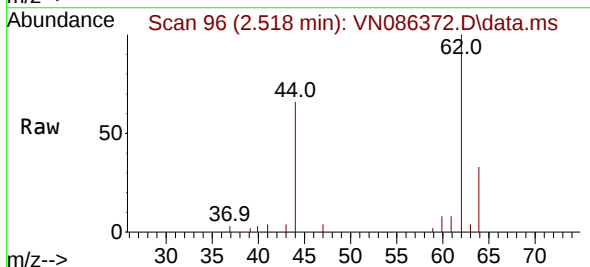
04/24/2025
Supervised By :Mahesh
Dadoda

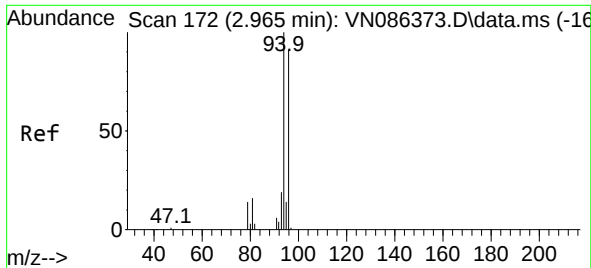
04/25/2025



#4
Vinyl Chloride
Concen: 5.122 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN086372.D
Acq: 23 Apr 2025 09:22

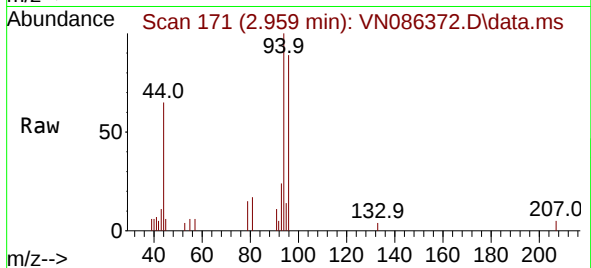
Tgt Ion: 62 Resp: 14315
Ion Ratio Lower Upper
62 100
64 32.7 25.8 38.8





#5
Bromomethane
Concen: 5.491 ug/l
RT: 2.959 min Scan# 171
Delta R.T. -0.006 min
Lab File: VN086372.D
Acq: 23 Apr 2025 09:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



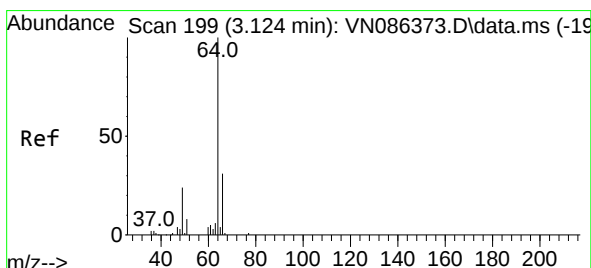
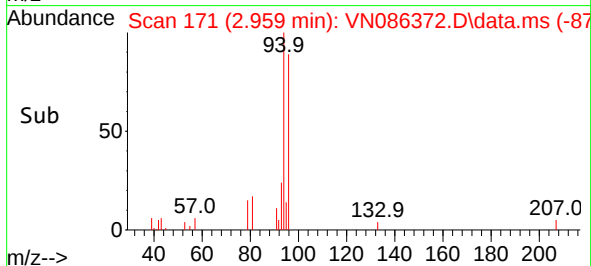
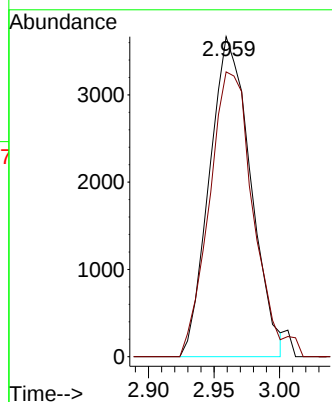
Tgt Ion: 94 Resp: 801
Ion Ratio Lower Upper
94 100
96 89.0 72.4 108.6

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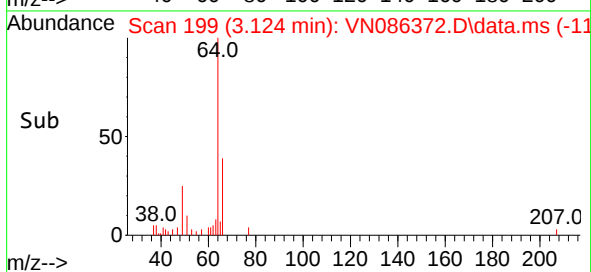
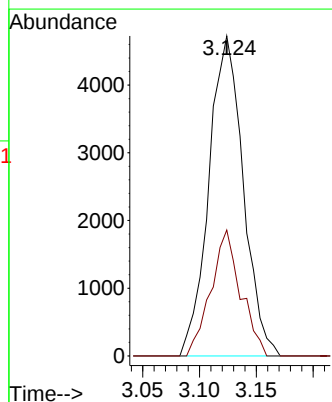
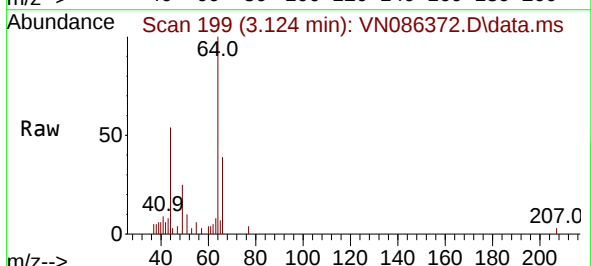
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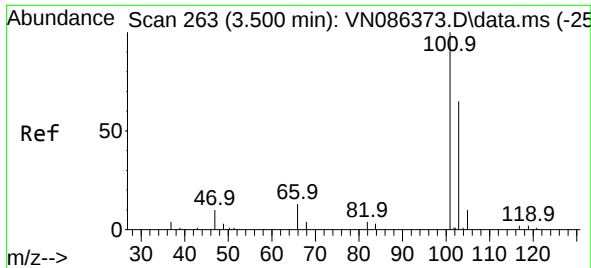
04/25/2025



#6
Chloroethane
Concen: 5.332 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.000 min
Lab File: VN086372.D
Acq: 23 Apr 2025 09:22

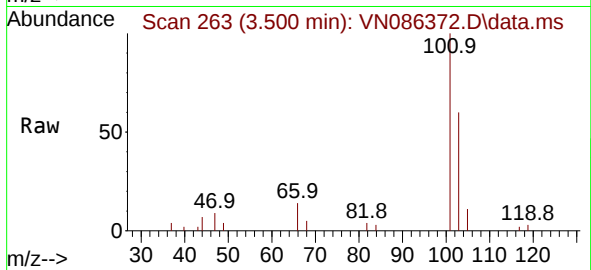
Tgt Ion: 64 Resp: 9935
Ion Ratio Lower Upper
64 100
66 39.4 24.5 36.7#





#7
 Trichlorofluoromethane
 Concen: 5.129 ug/l
 RT: 3.500 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN086372.D
 Acq: 23 Apr 2025 09:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



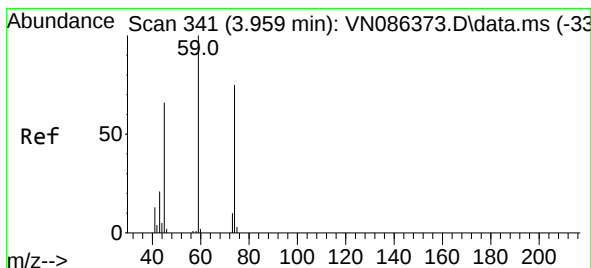
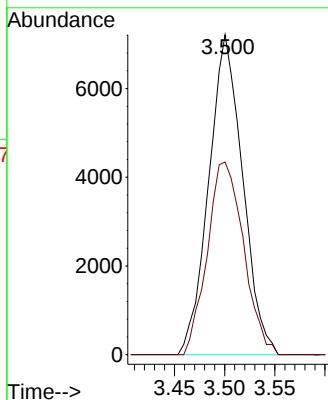
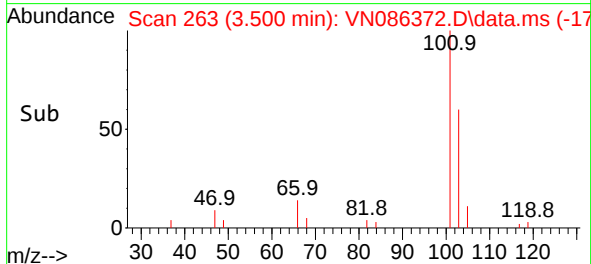
Tgt Ion:101 Resp: 1692
 Ion Ratio Lower Upper
 101 100
 103 60.2 51.8 77.6

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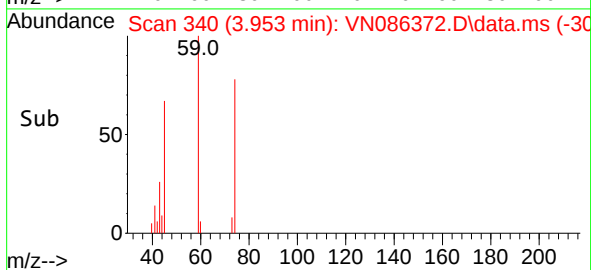
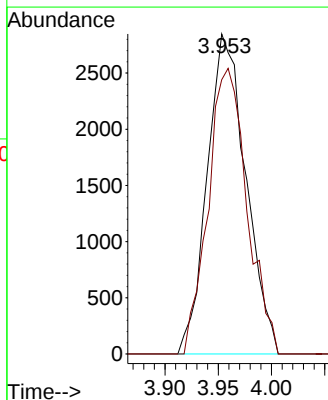
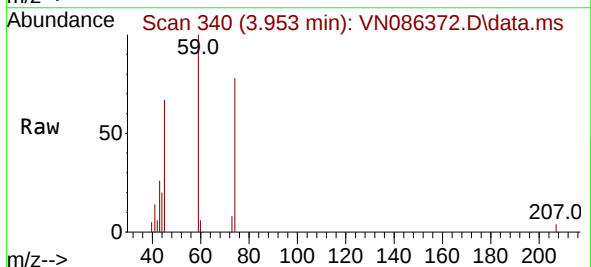
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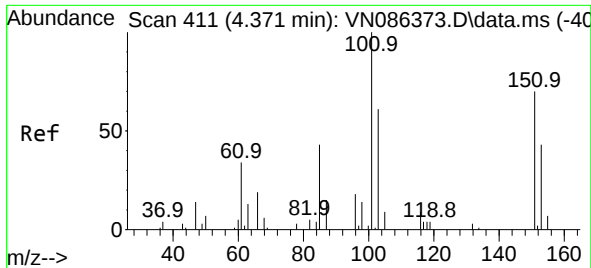
04/25/2025



#8
 Diethyl Ether
 Concen: 5.162 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.006 min
 Lab File: VN086372.D
 Acq: 23 Apr 2025 09:22

Tgt Ion: 74 Resp: 7189
 Ion Ratio Lower Upper
 74 100
 45 89.6 18.5 166.3





#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 5.005 ug/l
 RT: 4.371 min Scan# 411
 Delta R.T. -0.000 min
 Lab File: VN086372.D
 Acq: 23 Apr 2025 09:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

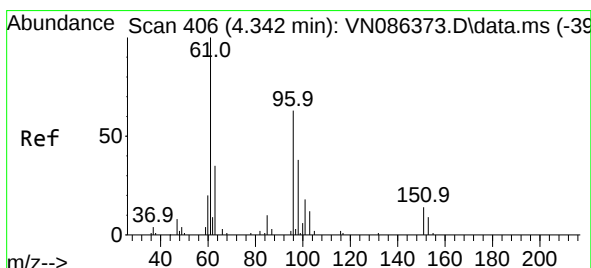
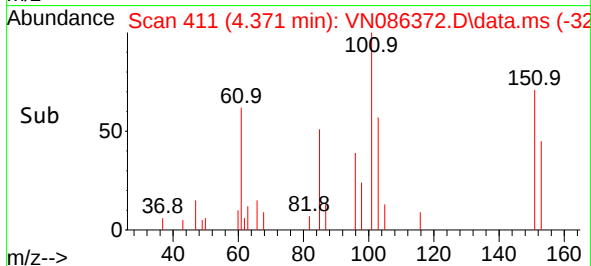
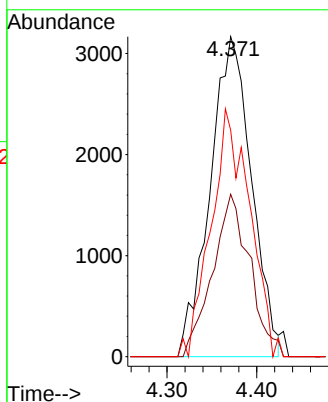
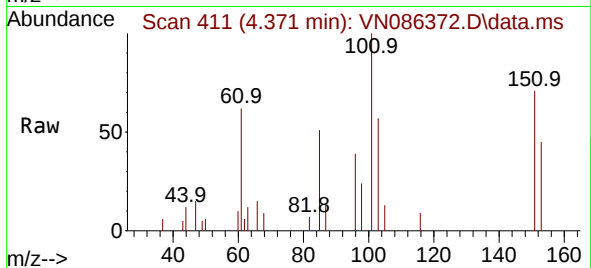
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 Ion Ratio Lower Upper
 101 100
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 151 45.4 0.0 145.8

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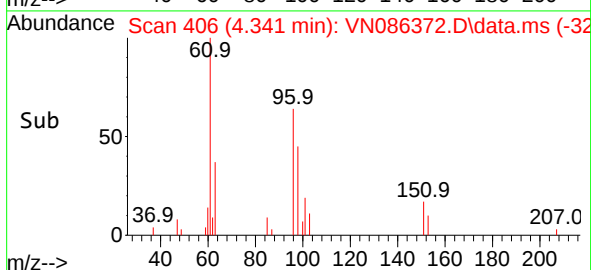
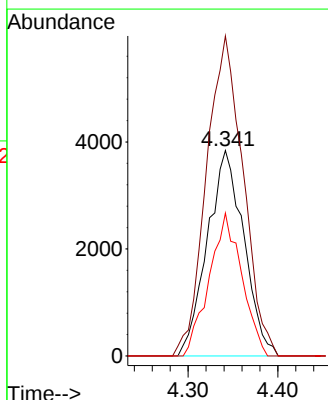
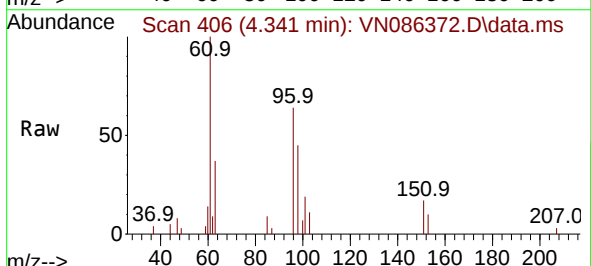
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 Supervised By : Mahesh
 Dadoda

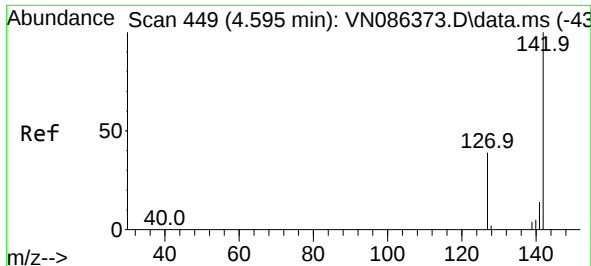
04/25/2025



#10
 1,1-Dichloroethene
 Concen: 5.224 ug/l
 RT: 4.341 min Scan# 406
 Delta R.T. -0.000 min
 Lab File: VN086372.D
 Acq: 23 Apr 2025 09:22

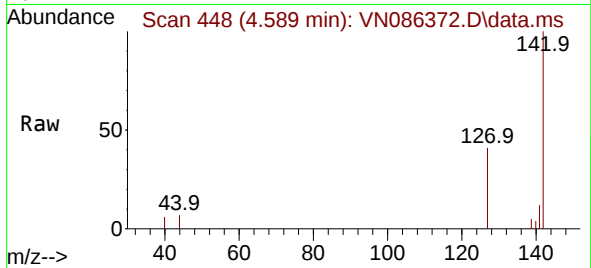
Tgt Ion: 96 Resp: 10844
 Ion Ratio Lower Upper
 96 100
 61 155.7 126.2 189.4
 98 69.5 48.5 72.7





#11
Methyl Iodide
Concen: 4.834 ug/l
RT: 4.589 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN086372.D
Acq: 23 Apr 2025 09:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



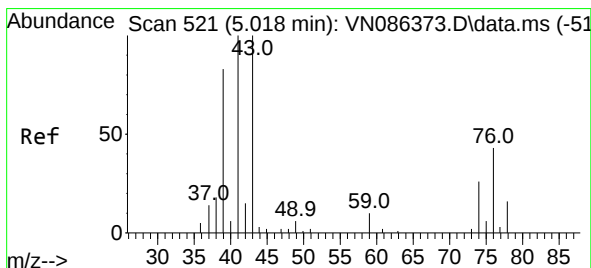
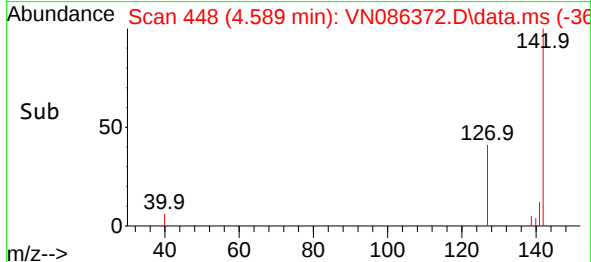
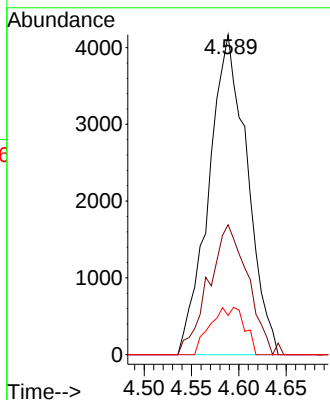
Tgt Ion:142 Resp: 1174
Ion Ratio Lower Upper
142 100
127 38.8 19.3 57.9
141 12.2 7.1 21.3

Manual Integrations
APPROVED

Reviewed By :John
Carlone

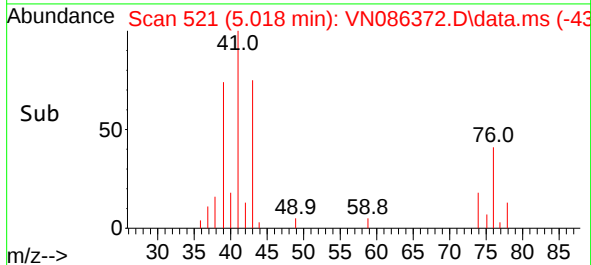
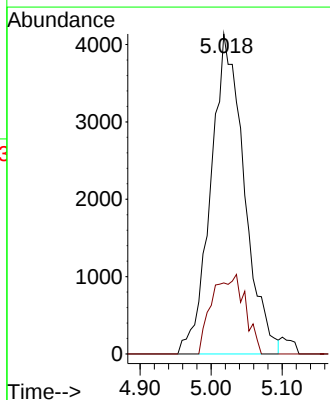
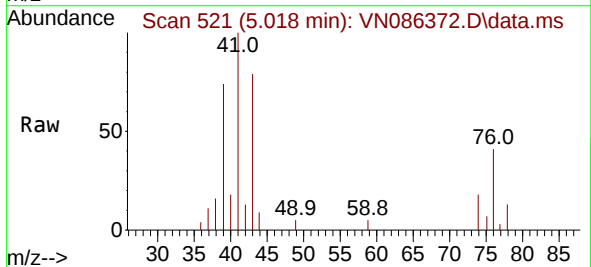
04/24/2025
Supervised By :Mahesh
Dadoda

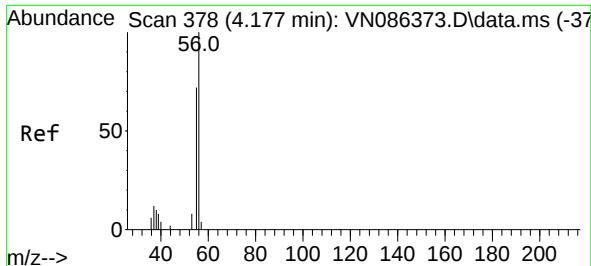
04/25/2025



#12
Methyl Acetate
Concen: 4.592 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN086372.D
Acq: 23 Apr 2025 09:22

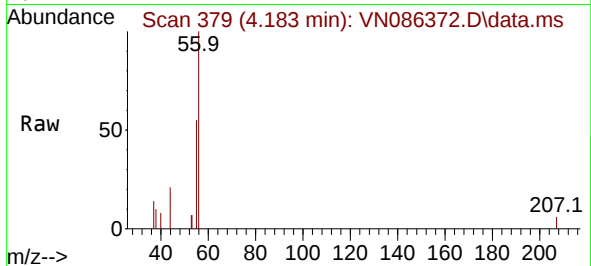
Tgt Ion: 43 Resp: 13511
Ion Ratio Lower Upper
43 100
74 22.7 20.8 31.2





#13
Acrolein
Concen: 28.215 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN086372.D
Acq: 23 Apr 2025 09:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



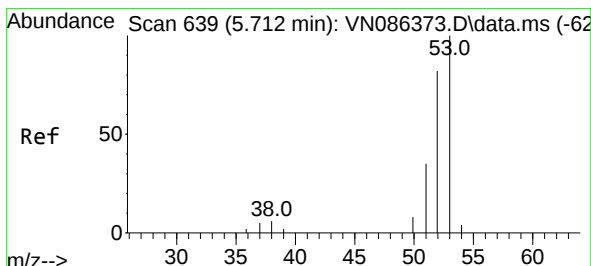
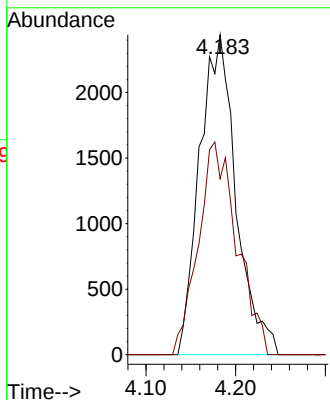
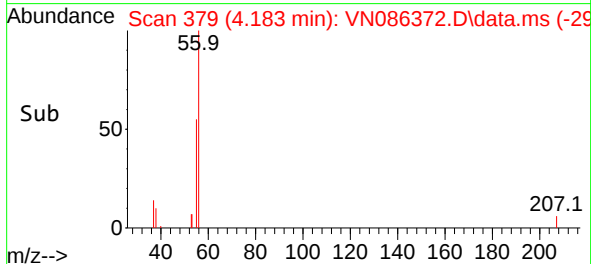
Tgt Ion: 56 Resp: 6900
Ion Ratio Lower Upper
56 100
55 58.7 56.1 84.1

Manual Integrations
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Reviewed By :John
Carlone

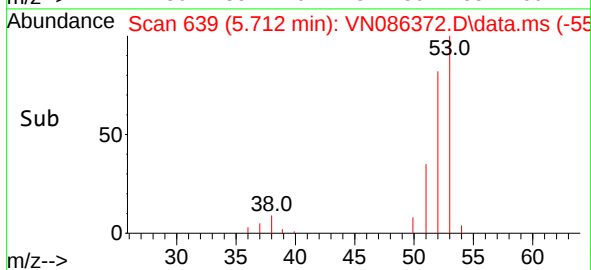
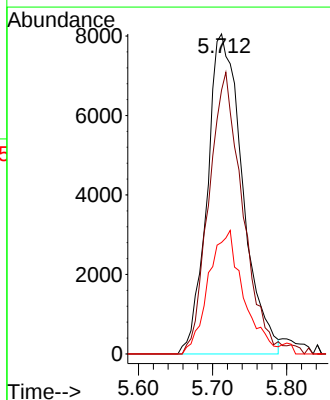
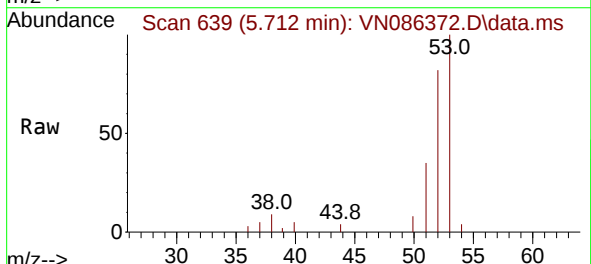
04/24/2025
Supervised By :Mahesh
Dadoda

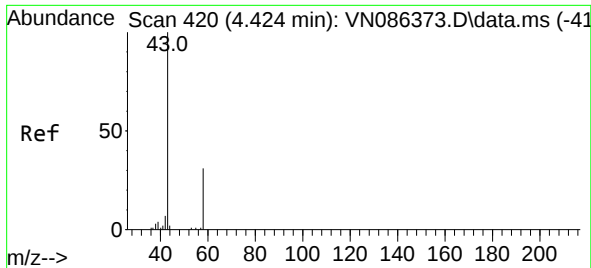
04/25/2025



#14
Acrylonitrile
Concen: 24.377 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.000 min
Lab File: VN086372.D
Acq: 23 Apr 2025 09:22

Tgt Ion: 53 Resp: 26695
Ion Ratio Lower Upper
53 100
52 83.0 41.2 123.6
51 38.3 17.6 52.8





#15

Acetone

Concen: 26.429 ug/l

RT: 4.430 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN086372.D

Acq: 23 Apr 2025 09:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 58 Resp: 7975
 Ion Ratio Lower Upper
 58 100
 43 275.9 255.1 382.7

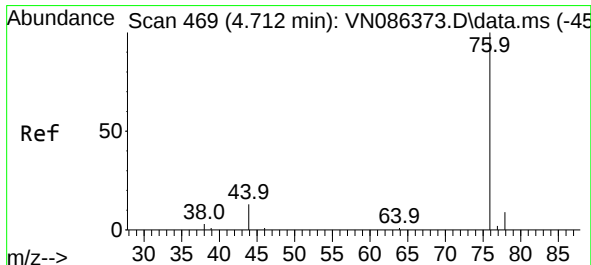
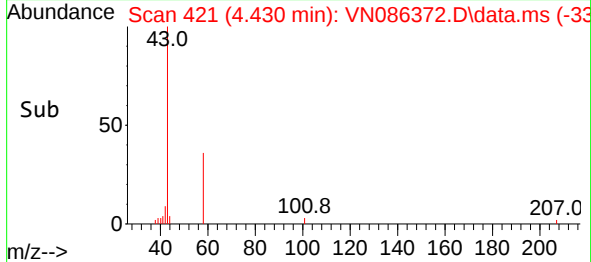
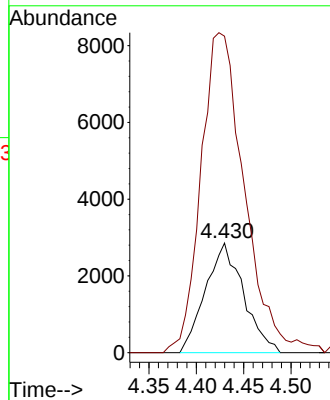
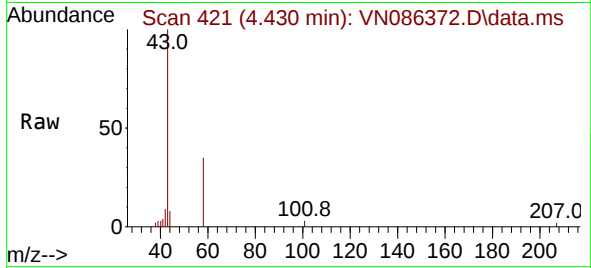
Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

04/24/2025

Supervised By :Mahesh
 Dadoda

04/25/2025



#16

Carbon Disulfide

Concen: 5.670 ug/l

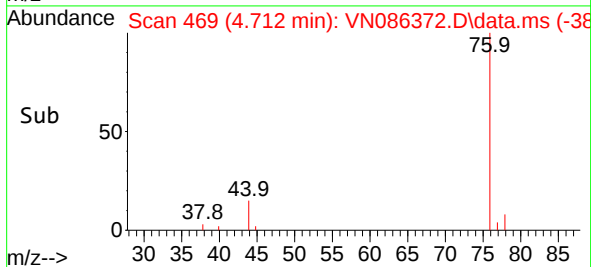
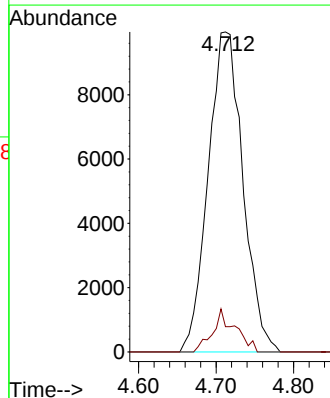
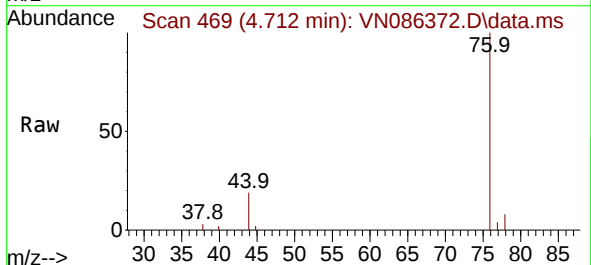
RT: 4.712 min Scan# 469

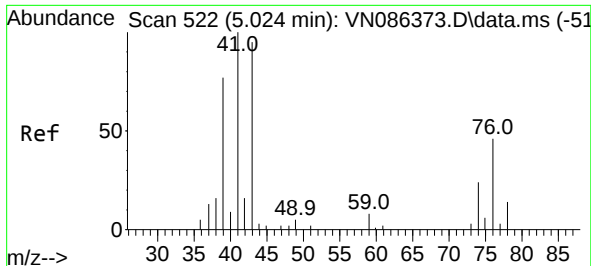
Delta R.T. -0.000 min

Lab File: VN086372.D

Acq: 23 Apr 2025 09:22

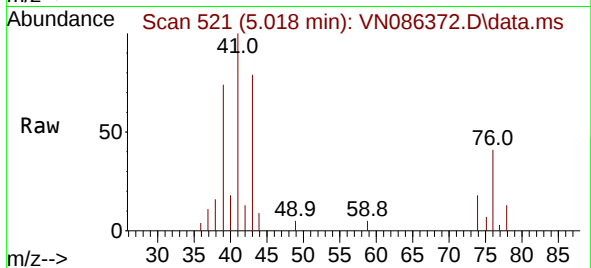
Tgt Ion: 76 Resp: 31017
 Ion Ratio Lower Upper
 76 100
 78 7.9 7.1 10.7





#17
 Allyl chloride
 Concen: 5.328 ug/l m
 RT: 5.018 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN086372.D
 Acq: 23 Apr 2025 09:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



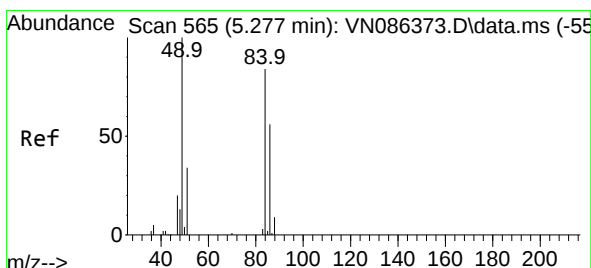
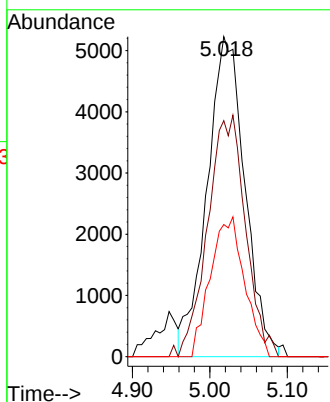
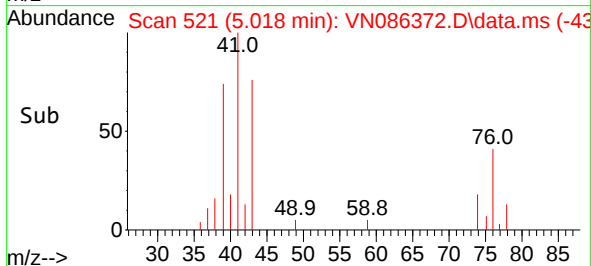
Tgt Ion: 41 Resp: 17680
 Ion Ratio Lower Upper
 41 100
 39 73.7 36.7 110.1
 76 41.3 21.8 65.4

Manual Integrations
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Reviewed By :John
 Carlone

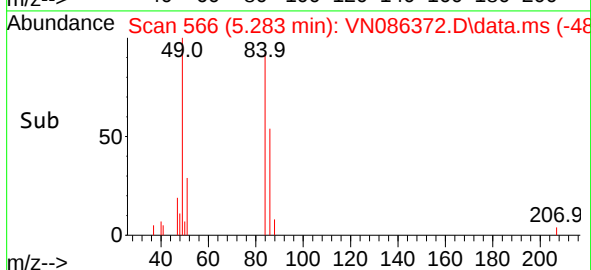
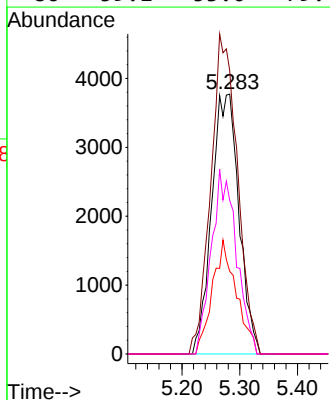
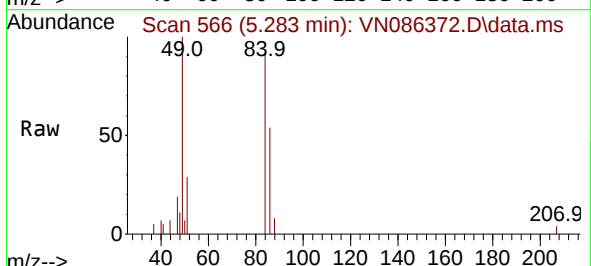
04/24/2025
 Supervised By :Mahesh
 Dadoda

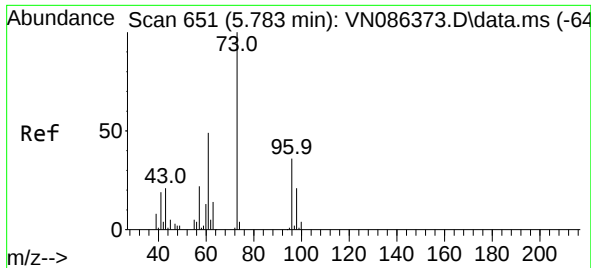
04/25/2025



#18
 Methylene Chloride
 Concen: 5.236 ug/l m
 RT: 5.283 min Scan# 566
 Delta R.T. 0.006 min
 Lab File: VN086372.D
 Acq: 23 Apr 2025 09:22

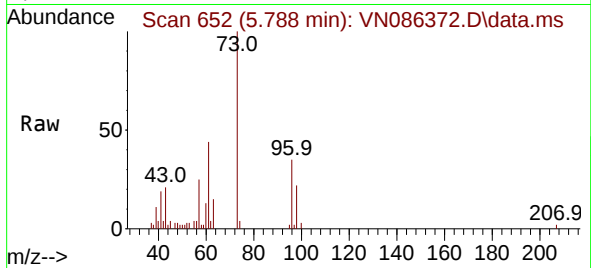
Tgt Ion: 84 Resp: 12377
 Ion Ratio Lower Upper
 84 100
 49 109.0 95.4 143.0
 51 31.8 32.8 49.2#
 86 59.1 53.0 79.4





#19
trans-1,2-Dichloroethene
Concen: 5.285 ug/l m
RT: 5.788 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086372.D
Acq: 23 Apr 2025 09:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



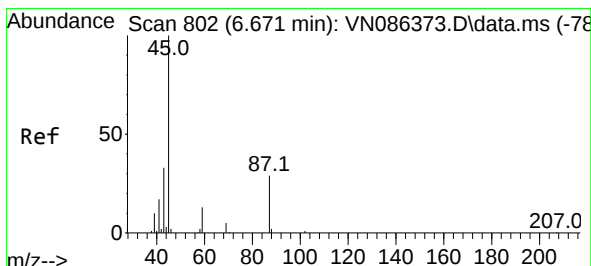
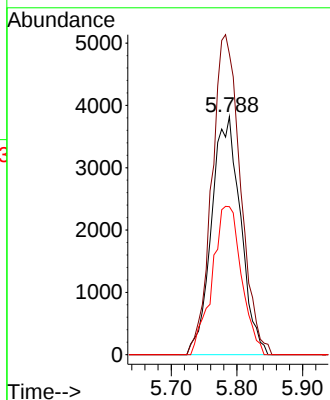
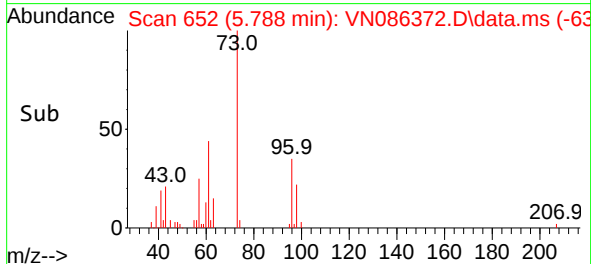
Tgt Ion: 96 Resp: 11694
Ion Ratio Lower Upper
96 100
61 126.3 107.3 160.9
98 62.1 46.7 70.1

Manual Integrations
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Reviewed By :John
Carlone

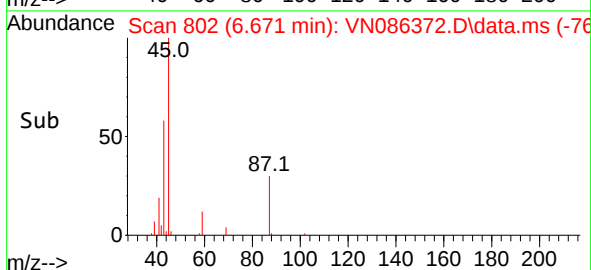
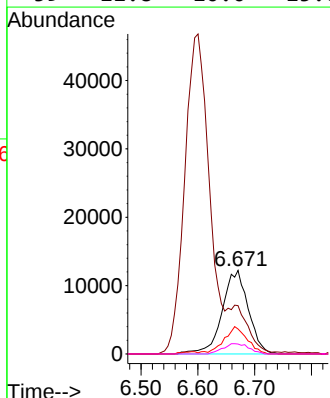
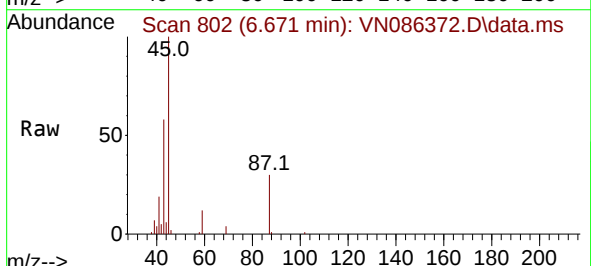
04/24/2025
Supervised By :Mahesh
Dadoda

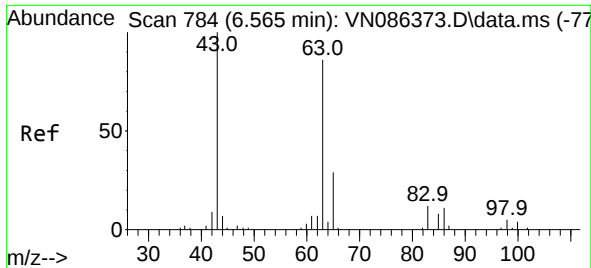
04/25/2025



#20
Diisopropyl ether
Concen: 4.950 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN086372.D
Acq: 23 Apr 2025 09:22

Tgt Ion: 45 Resp: 39066
Ion Ratio Lower Upper
45 100
43 55.5 38.8 58.2
87 29.8 23.5 35.3
59 11.8 10.0 15.0





#21
1,1-Dichloroethane
Concen: 5.143 ug/l
RT: 6.559 min Scan# 783
Delta R.T. -0.006 min
Lab File: VN086372.D
Acq: 23 Apr 2025 09:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

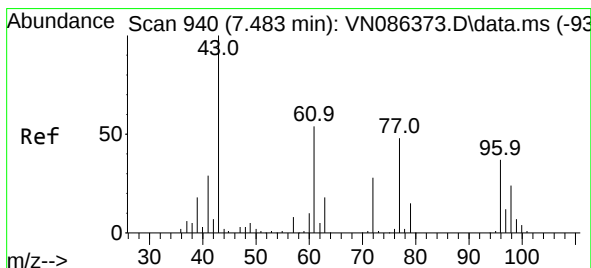
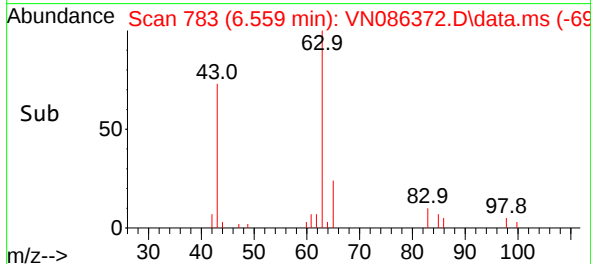
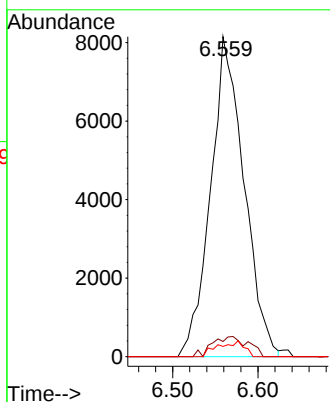
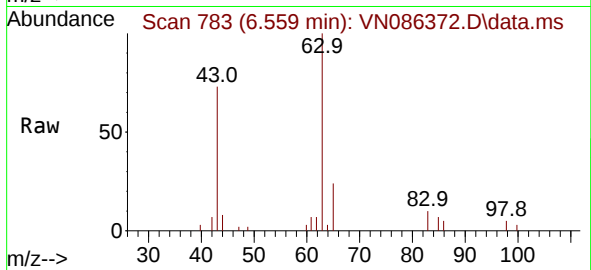
Tgt Ion: 63 Resp: 22218
Ion Ratio Lower Upper
63 100
98 4.7 3.0 9.2
100 3.2 2.3 6.8

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Reviewed By :John
Carlone

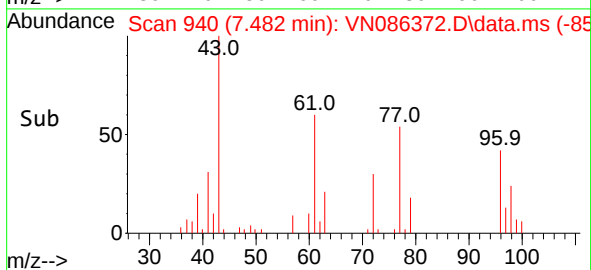
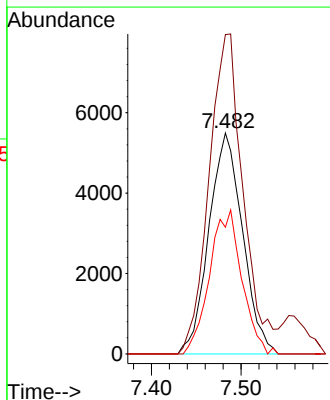
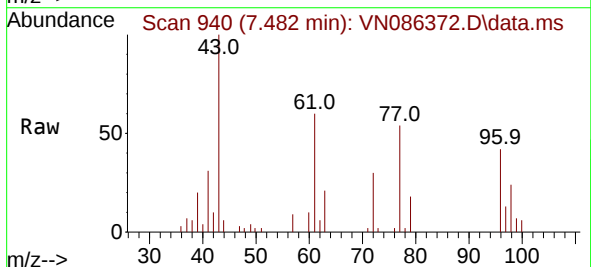
04/24/2025
Supervised By :Mahesh
Dadoda

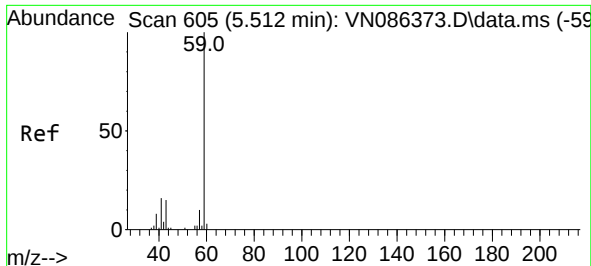
04/25/2025



#22
cis-1,2-Dichloroethene
Concen: 5.176 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN086372.D
Acq: 23 Apr 2025 09:22

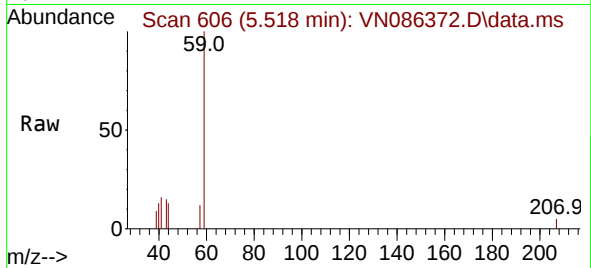
Tgt Ion: 96 Resp: 14319
Ion Ratio Lower Upper
96 100
61 146.0 120.6 181.0
98 62.0 51.8 77.6





#23
tert-Butyl Alcohol
Concen: 26.795 ug/l m
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN086372.D
Acq: 23 Apr 2025 09:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



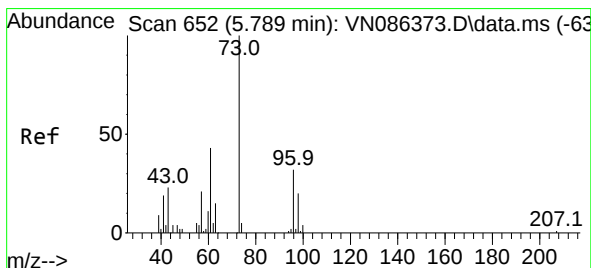
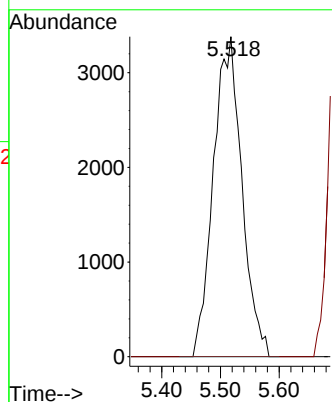
Tgt Ion: 59 Resp: 1136
Ion Ratio Lower Upper
59 100
52 194.8 0.1 0.1

Manual Integrations
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Reviewed By :John
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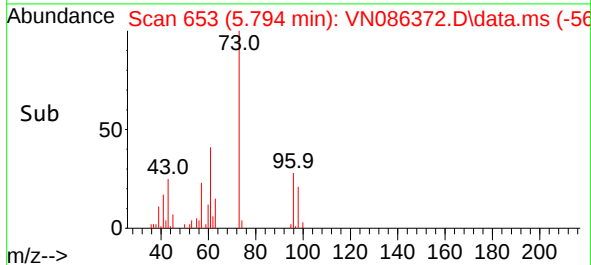
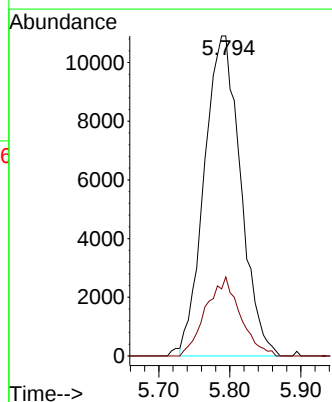
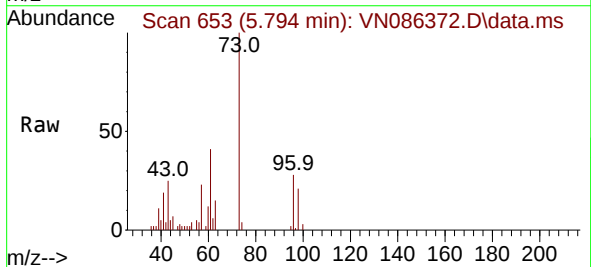
04/24/2025
Supervised By :Mahesh
Dadoda

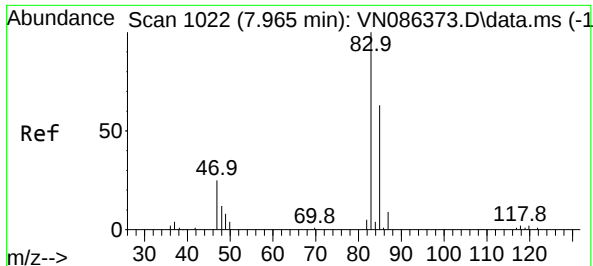
04/25/2025



#24
Methyl tert-Butyl Ether
Concen: 5.048 ug/l
RT: 5.794 min Scan# 653
Delta R.T. 0.006 min
Lab File: VN086372.D
Acq: 23 Apr 2025 09:22

Tgt Ion: 73 Resp: 38714
Ion Ratio Lower Upper
73 100
43 23.4 17.1 25.7





#25

Chloroform

Concen: 5.145 ug/l

RT: 7.959 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VN086372.D

Acq: 23 Apr 2025 09:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 83 Resp: 2249

Ion Ratio Lower Upper

83 100

85 63.2 50.2 75.2

Manual Integrations

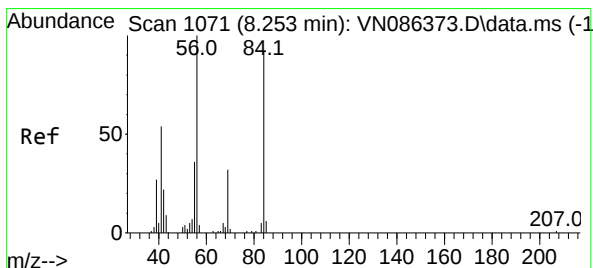
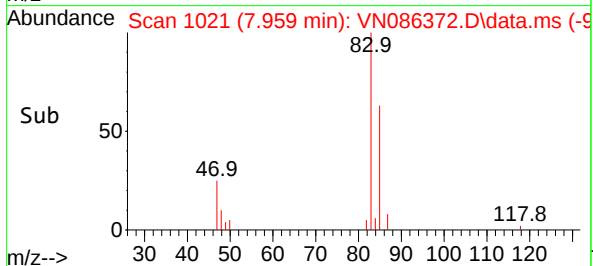
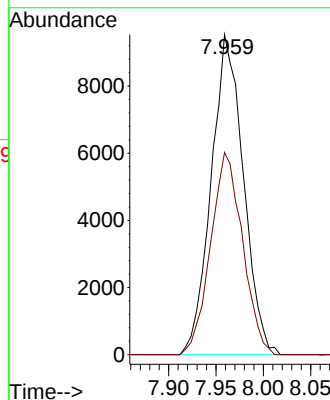
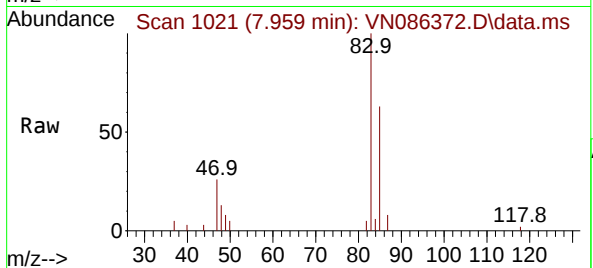
APPROVED

Reviewed By :John
Carlone

04/24/2025

Supervised By :Mahesh
Dadoda

04/25/2025



#26

Cyclohexane

Concen: 5.300 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. -0.000 min

Lab File: VN086372.D

Acq: 23 Apr 2025 09:22

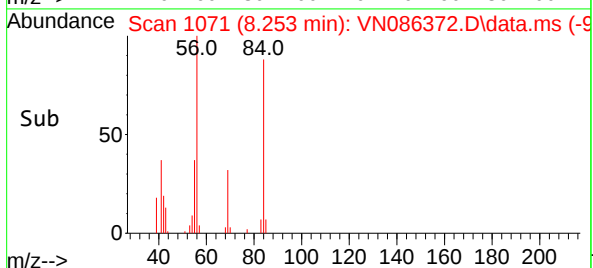
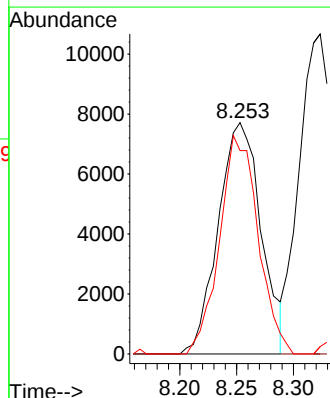
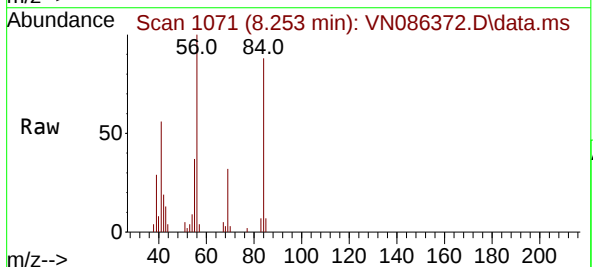
Tgt Ion: 56 Resp: 20215

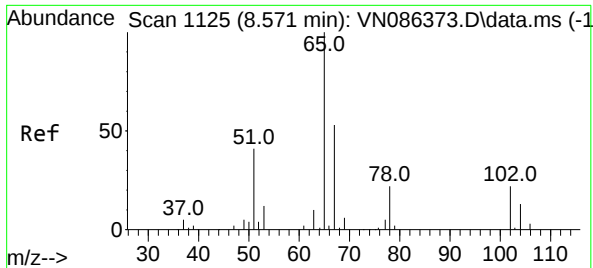
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 84.9 71.5 107.3





#27
1,2-Dichloroethane-d4
Concen: 30.870 ug/l
RT: 8.577 min Scan# 1125
Delta R.T. 0.006 min
Lab File: VN086372.D
Acq: 23 Apr 2025 09:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 65 Resp: 88562
Ion Ratio Lower Upper
65 100
67 52.6 42.5 63.7

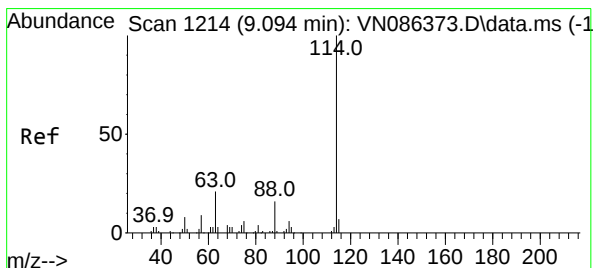
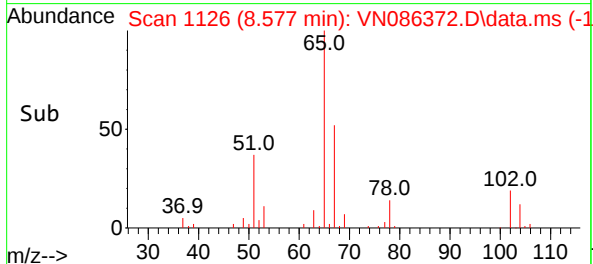
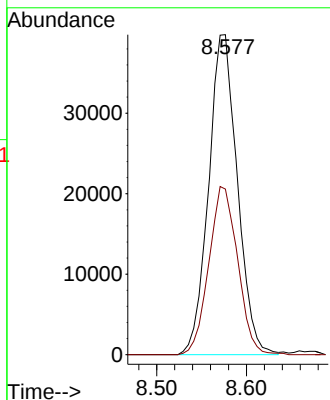
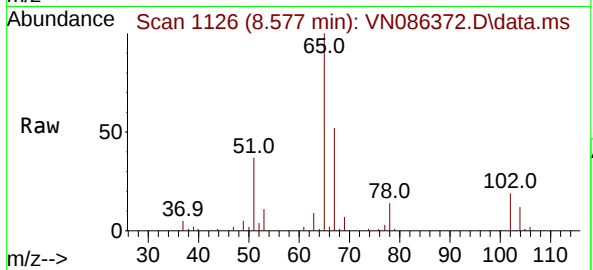
Manual Integrations
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Reviewed By :John
Carlone

04/24/2025

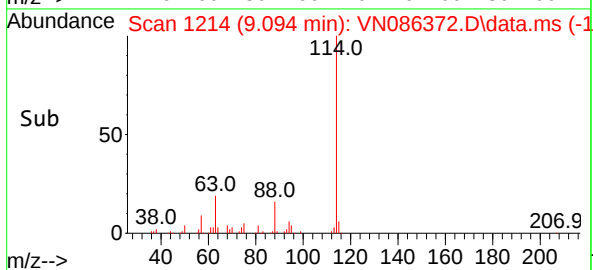
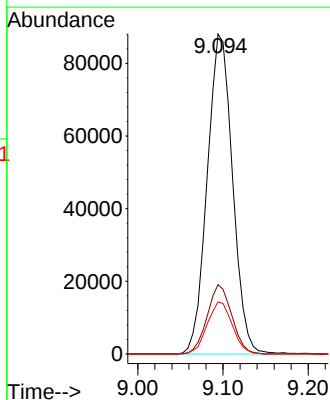
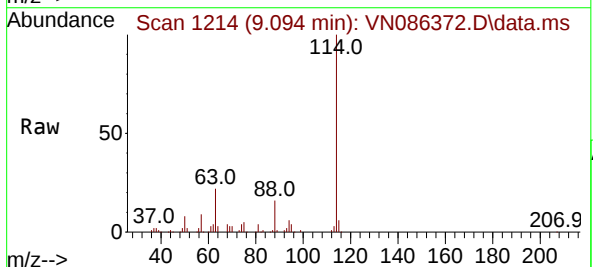
Supervised By :Mahesh
Dadoda

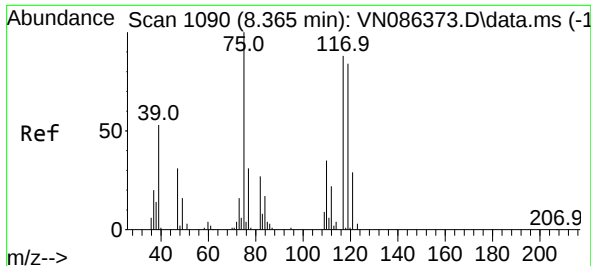
04/25/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.094 min Scan# 1214
Delta R.T. -0.000 min
Lab File: VN086372.D
Acq: 23 Apr 2025 09:22

Tgt Ion:114 Resp: 182016
Ion Ratio Lower Upper
114 100
63 21.0 16.7 25.1
88 16.1 12.6 19.0





#29

1,1-Dichloropropene

Concen: 4.916 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. -0.000 min

Lab File: VN086372.D

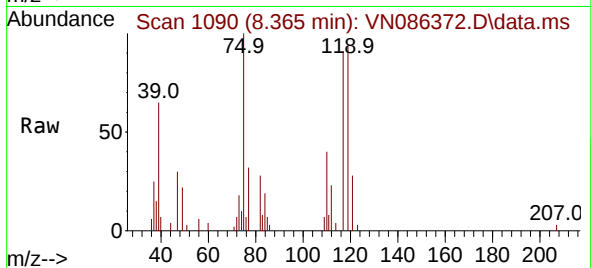
Acq: 23 Apr 2025 09:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005



Tgt Ion:	75	Resp:	1577
Ion Ratio	100	Lower	Upper
75	100		
110	35.8	0.0	68.0
77	17.4	0.0	61.4

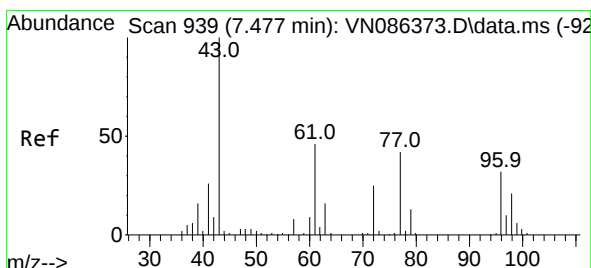
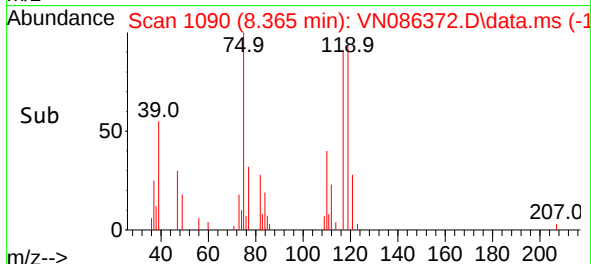
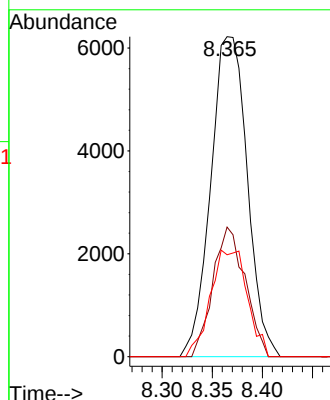
Manual Integrations
APPROVED

Reviewed By :John
Carlone

04/24/2025

Supervised By :Mahesh
Dadoda

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#30

2-Butanone

Concen: 24.283 ug/l

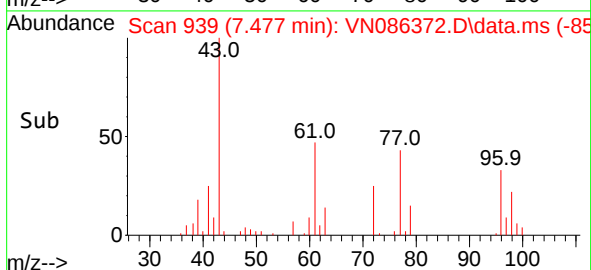
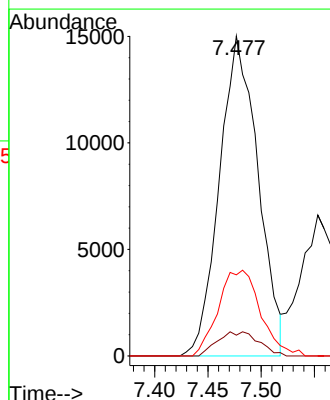
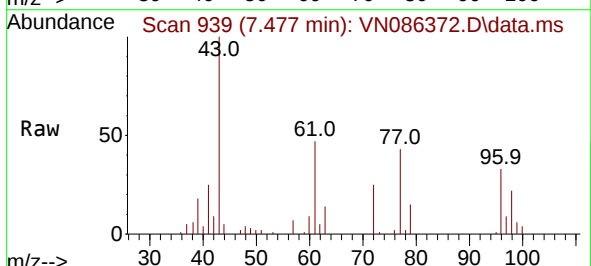
RT: 7.477 min Scan# 939

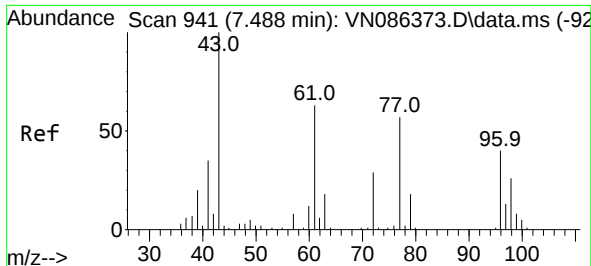
Delta R.T. -0.000 min

Lab File: VN086372.D

Acq: 23 Apr 2025 09:22

Tgt Ion:	43	Resp:	37820
Ion Ratio	100	Lower	Upper
43	100		
57	4.1	6.6	10.0#
72	29.3	22.2	33.4





#31
2,2-Dichloropropane
Concen: 5.065 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN086372.D
Acq: 23 Apr 2025 09:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

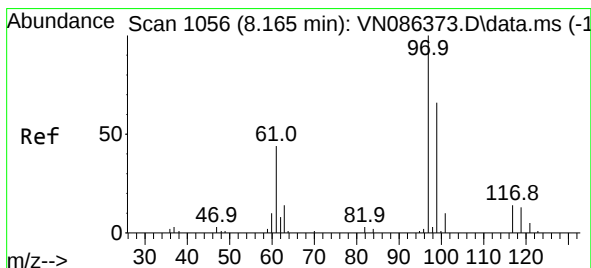
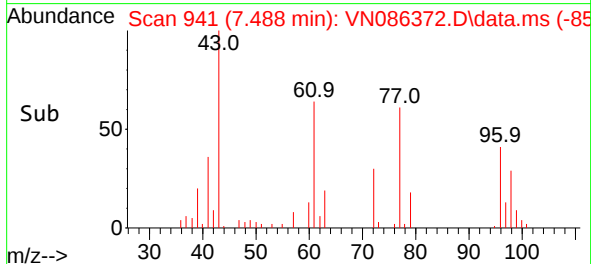
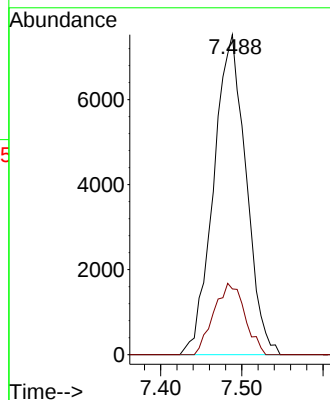
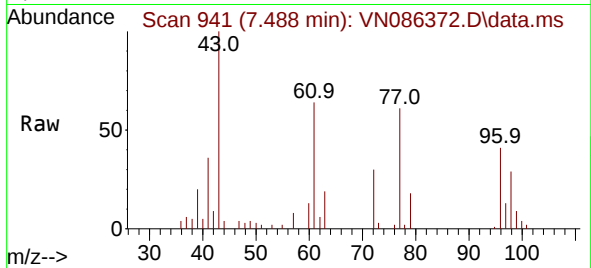
Tgt Ion: 77 Resp: 2089
Ion Ratio Lower Upper
77 100
97 21.2 18.2 27.2

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Reviewed By :John
Carlone

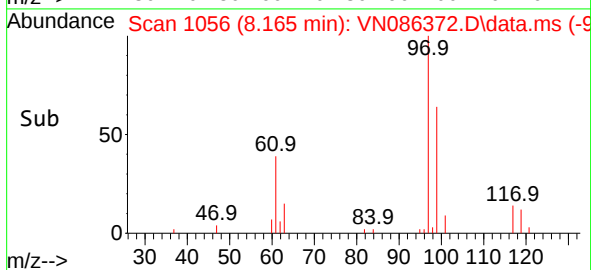
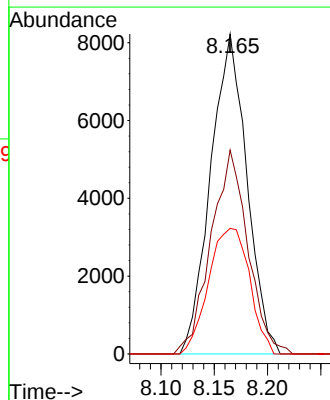
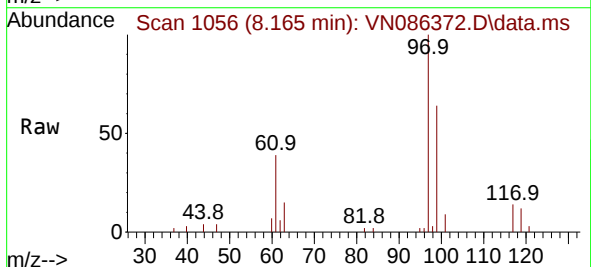
04/24/2025
Supervised By :Mahesh
Dadoda

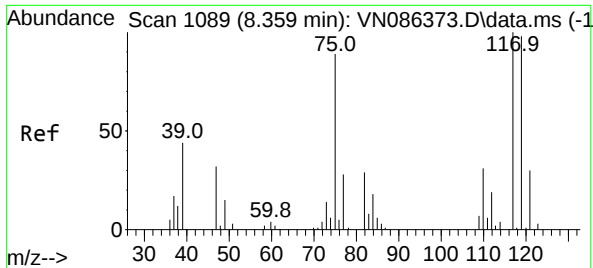
04/25/2025



#32
1,1,1-Trichloroethane
Concen: 5.070 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086372.D
Acq: 23 Apr 2025 09:22

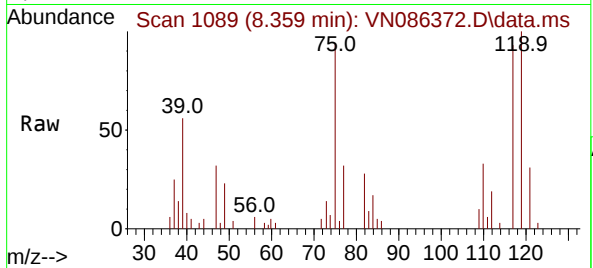
Tgt Ion: 97 Resp: 19441
Ion Ratio Lower Upper
97 100
99 65.0 52.6 79.0
61 44.4 36.4 54.6





#33
Carbon Tetrachloride
Concen: 4.908 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN086372.D
Acq: 23 Apr 2025 09:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



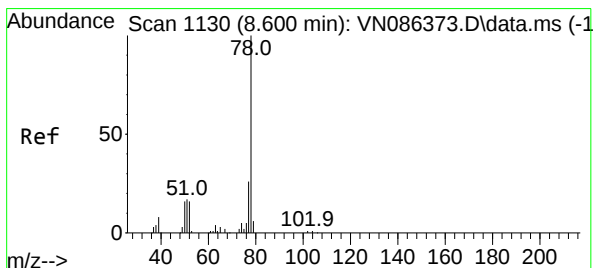
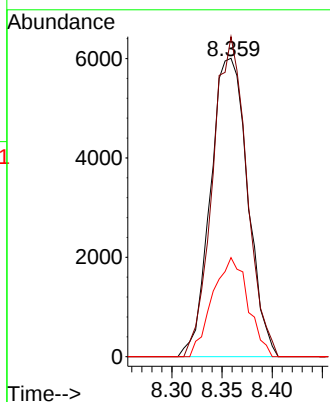
Tgt Ion: 117 Resp: 15492
Ion Ratio Lower Upper
117 100
119 107.2 78.6 117.8
121 33.2 24.0 36.0

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Reviewed By :John
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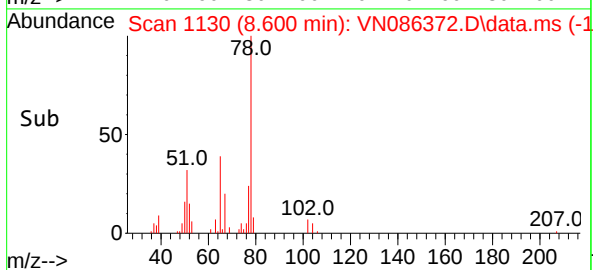
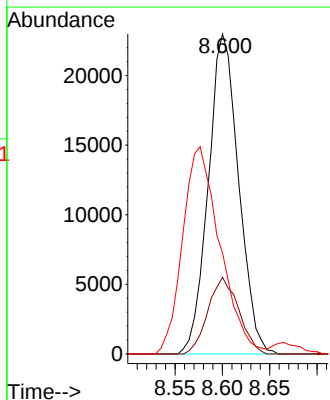
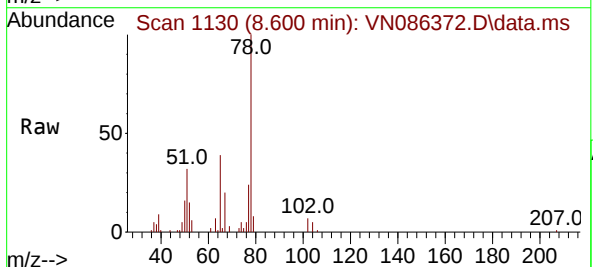
04/24/2025
Supervised By :Mahesh
Dadoda

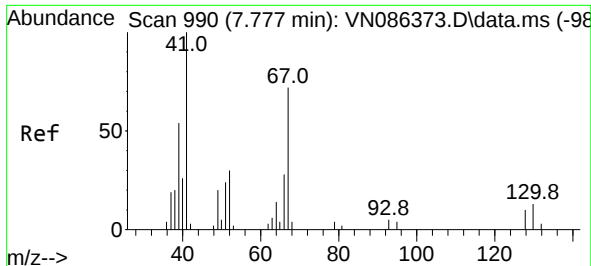
04/25/2025



#34
Benzene
Concen: 5.013 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN086372.D
Acq: 23 Apr 2025 09:22

Tgt Ion: 78 Resp: 51159
Ion Ratio Lower Upper
78 100
77 23.9 20.8 31.2
51 28.3 14.0 21.0#





#35
Methacrylonitrile
Concen: 4.626 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN086372.D
Acq: 23 Apr 2025 09:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 41 Resp: 8219
Ion Ratio Lower Upper
41 100
39 57.6 27.0 80.8
67 64.0 35.8 107.3
52 39.2 15.2 45.5

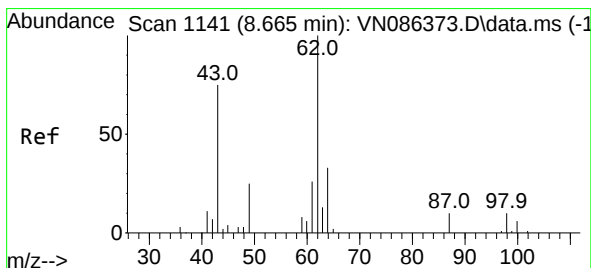
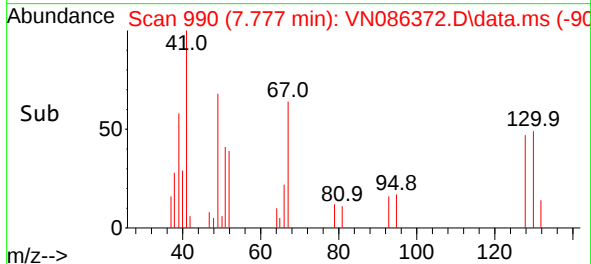
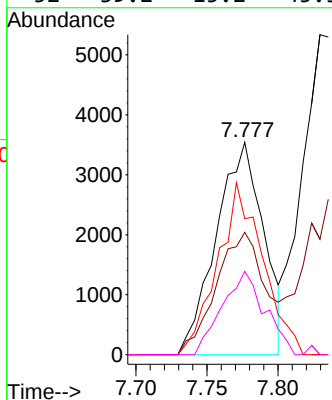
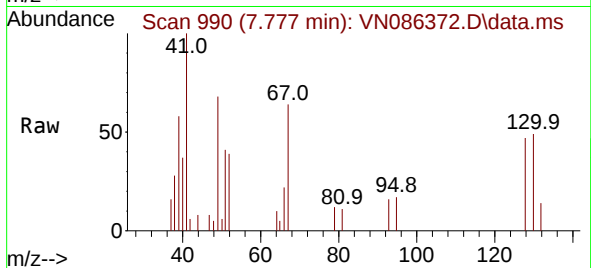
Manual Integrations
APPROVED

Reviewed By :John
Carlone

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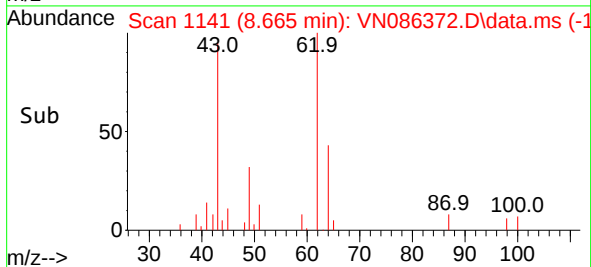
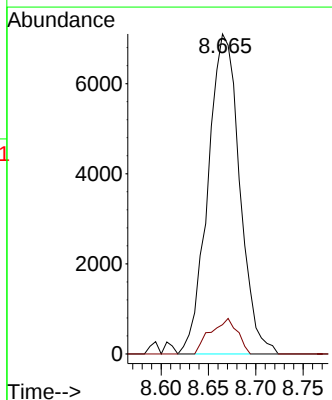
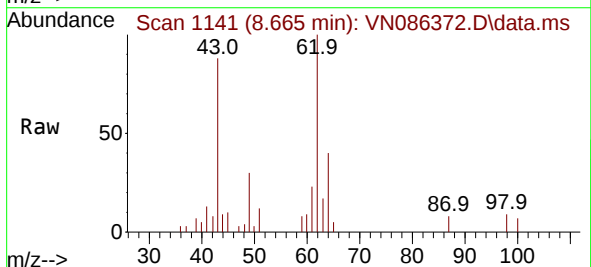
Supervised By :Mahesh
Dadoda

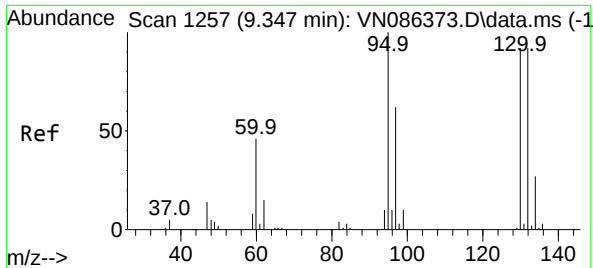
04/25/2025



#36
1,2-Dichloroethane
Concen: 5.000 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086372.D
Acq: 23 Apr 2025 09:22

Tgt Ion: 62 Resp: 16569
Ion Ratio Lower Upper
62 100
98 9.4 7.6 11.4





#37
Trichloroethene
Concen: 4.867 ug/l
RT: 9.353 min Scan# 1243
Delta R.T. 0.006 min
Lab File: VN086372.D
Acq: 23 Apr 2025 09:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion:130 Resp: 12434
Ion Ratio Lower Upper
130 100
95 95.2 86.6 130.0

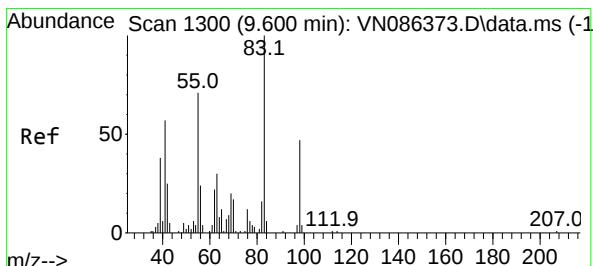
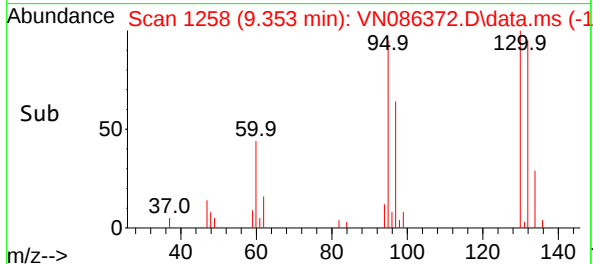
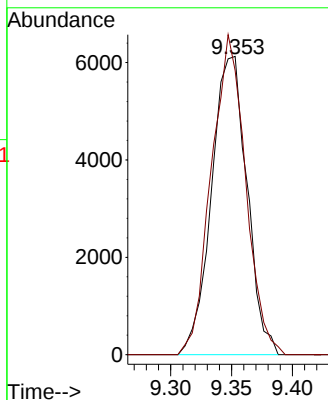
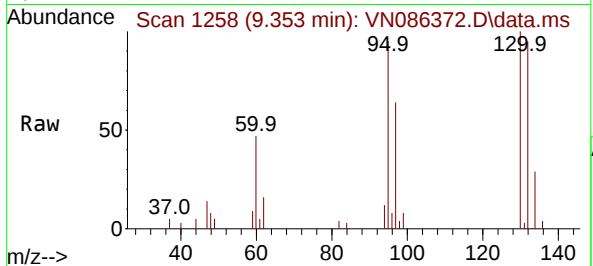
Manual Integrations
APPROVED

Reviewed By :John
Carlone

04/24/2025

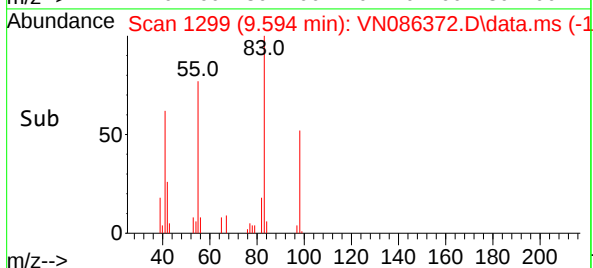
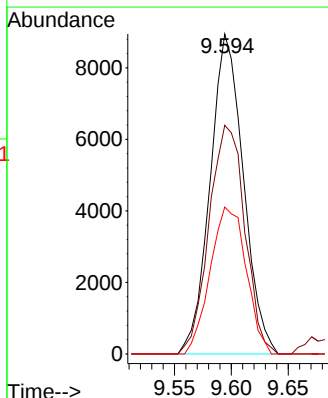
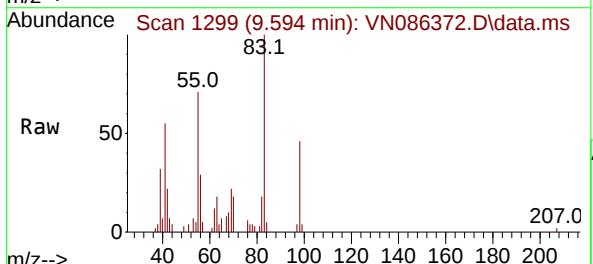
Supervised By :Mahesh
Dadoda

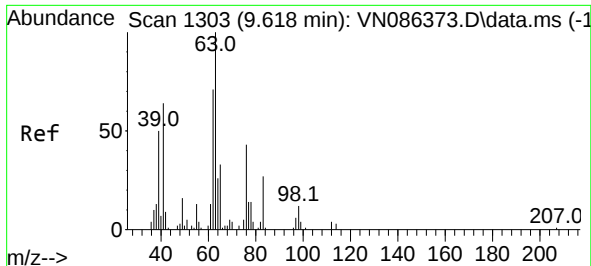
04/25/2025



#38
Methylcyclohexane
Concen: 4.925 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN086372.D
Acq: 23 Apr 2025 09:22

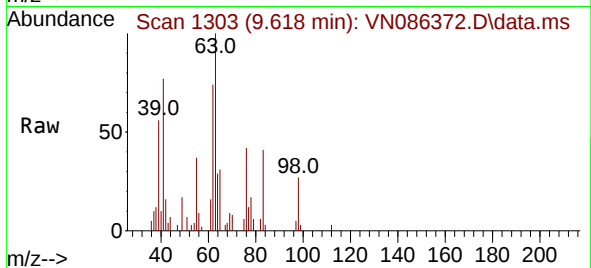
Tgt Ion: 83 Resp: 18253
Ion Ratio Lower Upper
83 100
55 76.7 37.3 111.9
98 49.6 23.8 71.5





#39
1,2-Dichloropropane
Concen: 5.198 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VN086372.D
Acq: 23 Apr 2025 09:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



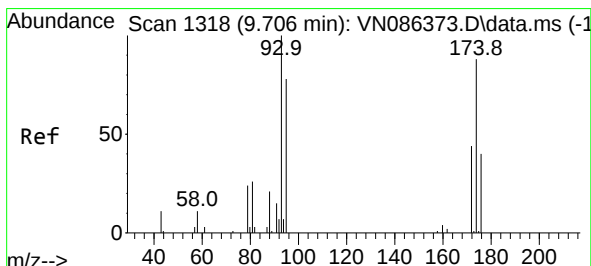
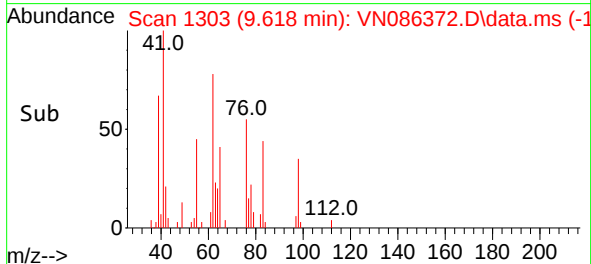
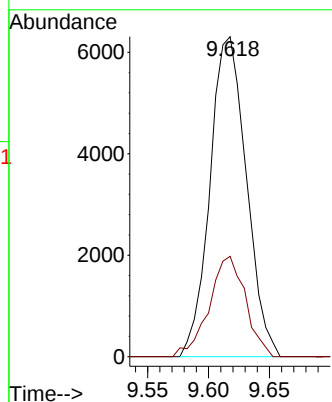
Tgt Ion: 63 Resp: 1310
Ion Ratio Lower Upper
63 100
65 31.3 26.7 40.1

Manual Integrations
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Reviewed By :John
Carlone

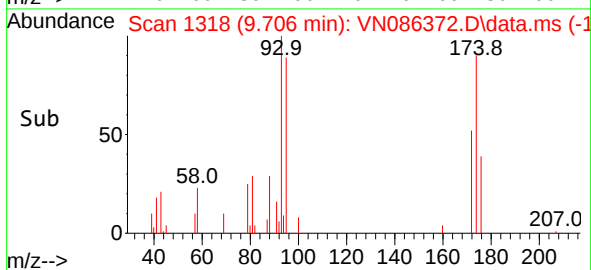
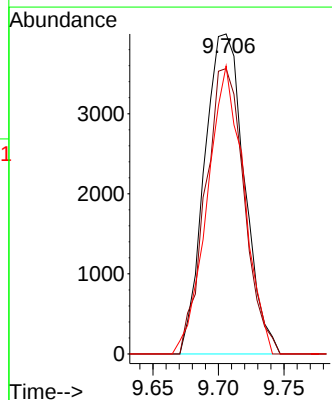
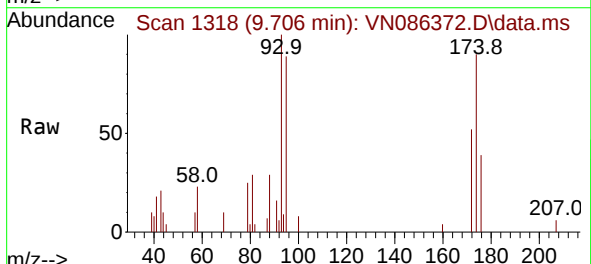
04/24/2025
Supervised By :Mahesh
Dadoda

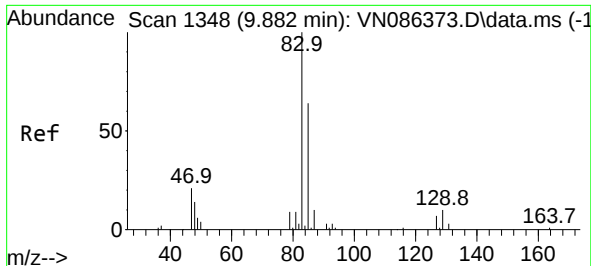
04/25/2025



#40
Dibromomethane
Concen: 5.025 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN086372.D
Acq: 23 Apr 2025 09:22

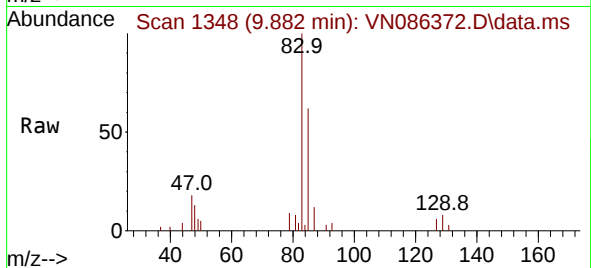
Tgt Ion: 93 Resp: 8472
Ion Ratio Lower Upper
93 100
95 86.7 0.0 159.2
174 82.4 0.0 171.4





#41
Bromodichloromethane
Concen: 4.934 ug/l
RT: 9.882 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086372.D
Acq: 23 Apr 2025 09:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



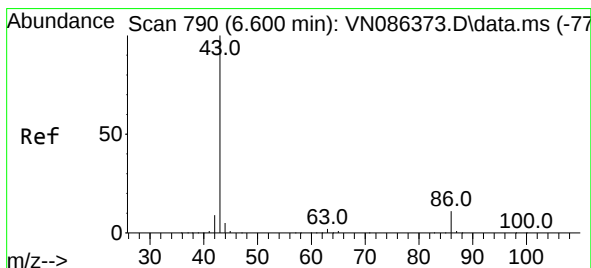
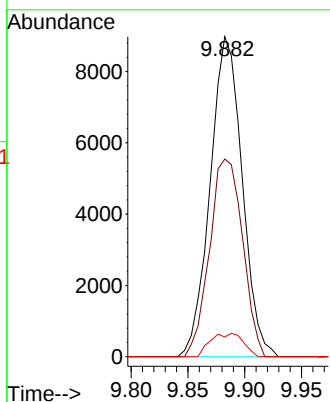
Tgt Ion: 83 Resp: 17604
Ion Ratio Lower Upper
83 100
85 61.8 51.1 76.7
127 6.2 5.9 8.9

Manual Integrations
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Reviewed By :John
Carlone

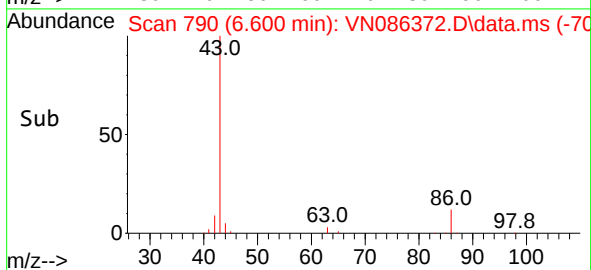
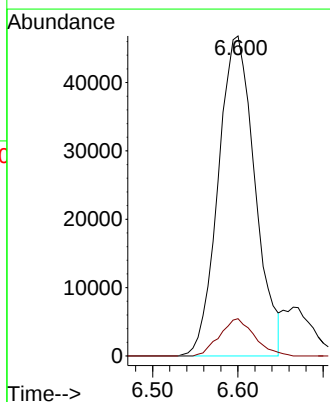
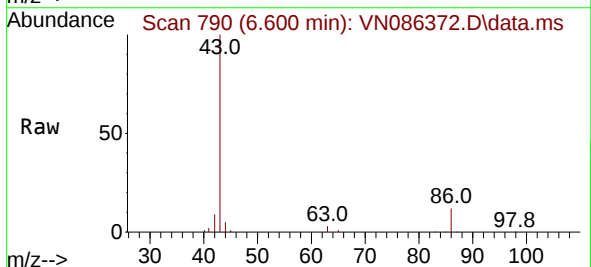
04/24/2025
Supervised By :Mahesh
Dadoda

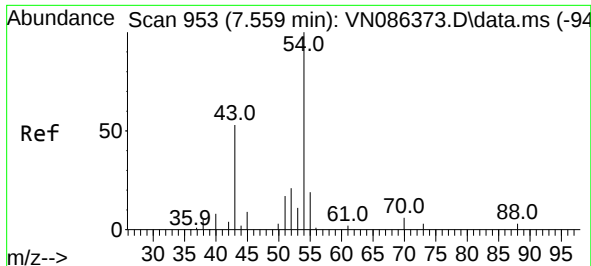
04/25/2025



#42
Vinyl Acetate
Concen: 26.004 ug/l
RT: 6.600 min Scan# 790
Delta R.T. -0.000 min
Lab File: VN086372.D
Acq: 23 Apr 2025 09:22

Tgt Ion: 43 Resp: 140295
Ion Ratio Lower Upper
43 100
86 11.1 8.9 13.3





#43

Ethyl Acetate

Concen: 5.600 ug/l

RT: 7.553 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN086372.D

Acq: 23 Apr 2025 09:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 43 Resp: 1726

Ion Ratio Lower Upper

43 100

45 13.1 11.4 17.2

Manual Integrations

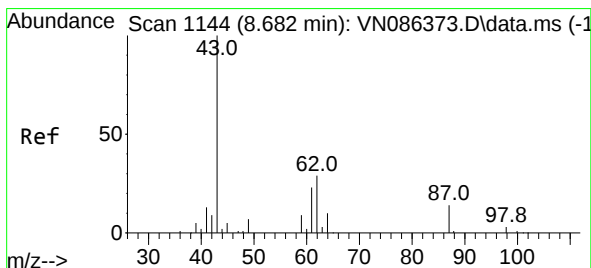
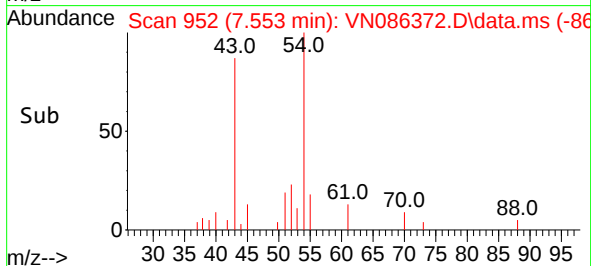
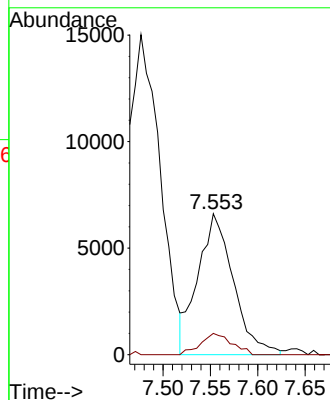
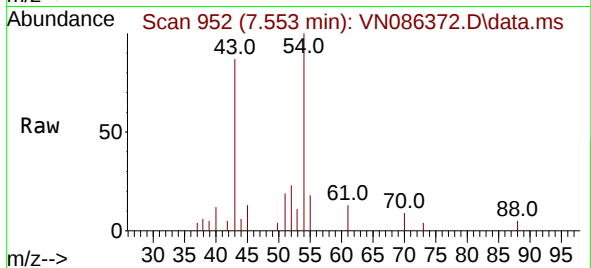
APPROVED

Reviewed By :John
Carlone

04/24/2025

Supervised By :Mahesh
Dadoda

04/25/2025



#44

Isopropyl Acetate

Concen: 5.352 ug/l

RT: 8.682 min Scan# 1144

Delta R.T. -0.000 min

Lab File: VN086372.D

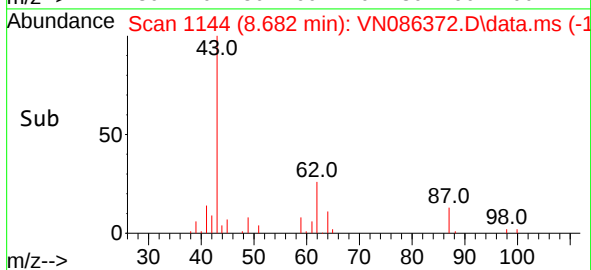
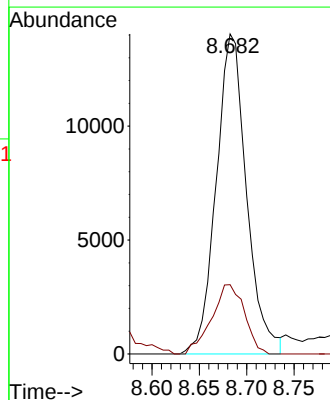
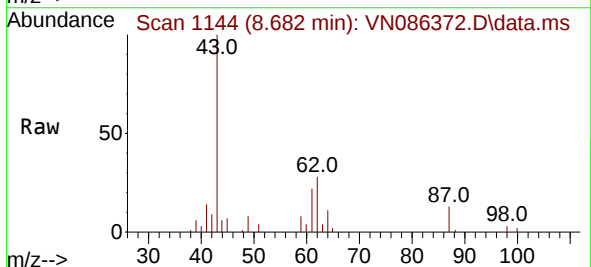
Acq: 23 Apr 2025 09:22

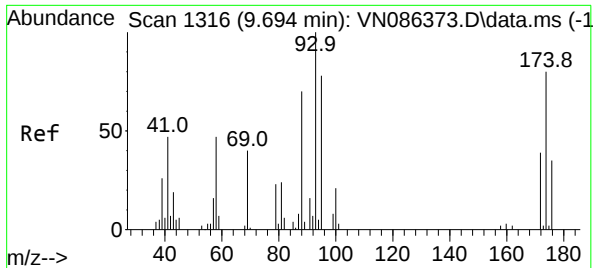
Tgt Ion: 43 Resp: 31305

Ion Ratio Lower Upper

43 100

61 23.4 21.0 31.4





#45

1,4-Dioxane

Concen: 96.252 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.000 min

Lab File: VN086372.D

Acq: 23 Apr 2025 09:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 88 Resp: 439

Ion	Ratio	Lower	Upper
88	100		
43	15.7	24.9	37.3
58	73.5	57.8	86.8

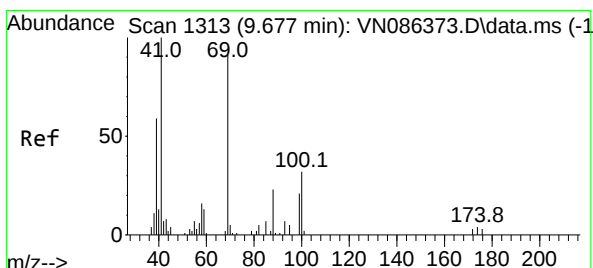
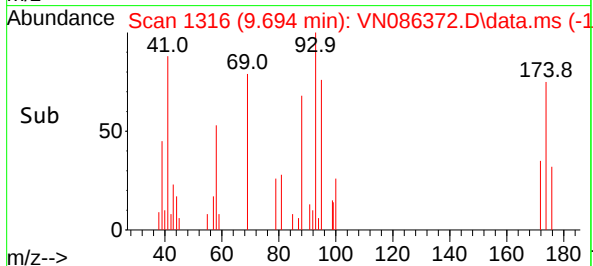
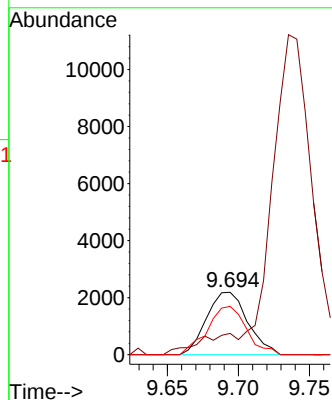
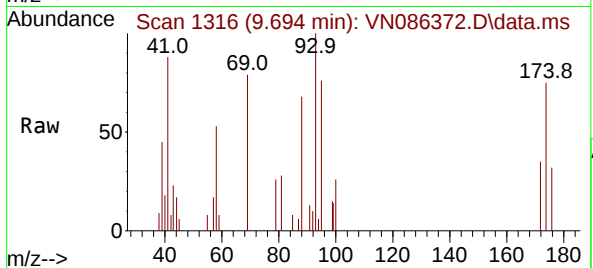
Manual Integrations
APPROVED

Reviewed By :John
Carlone

04/24/2025

Supervised By :Mahesh
Dadoda

04/25/2025



#46

Methyl methacrylate

Concen: 4.961 ug/l

RT: 9.676 min Scan# 1313

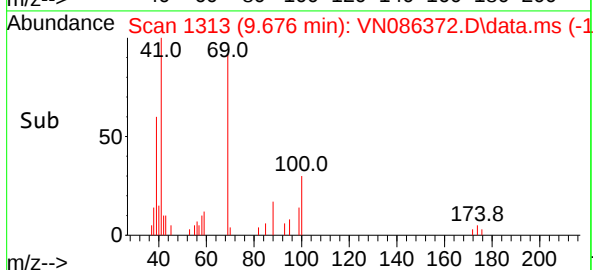
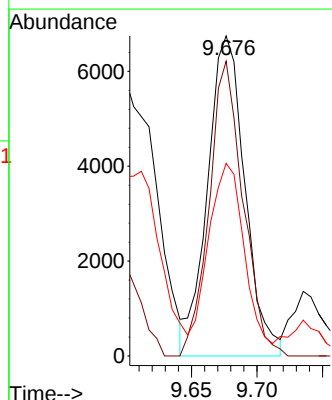
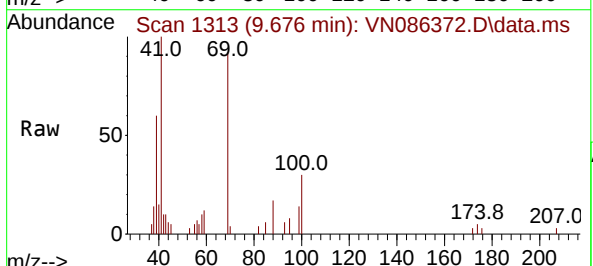
Delta R.T. -0.000 min

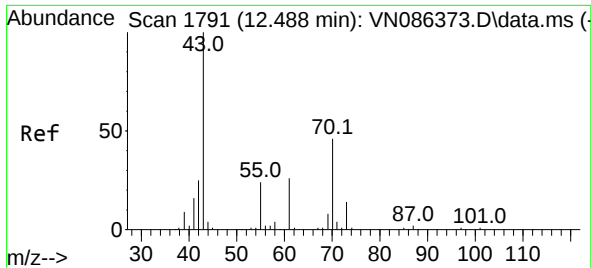
Lab File: VN086372.D

Acq: 23 Apr 2025 09:22

Tgt Ion: 41 Resp: 13386

Ion	Ratio	Lower	Upper
41	100		
69	97.0	44.1	132.3
39	57.0	30.0	90.1





#47
n-amy1 Acetate
Concen: 4.571 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VN086372.D
Acq: 23 Apr 2025 09:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

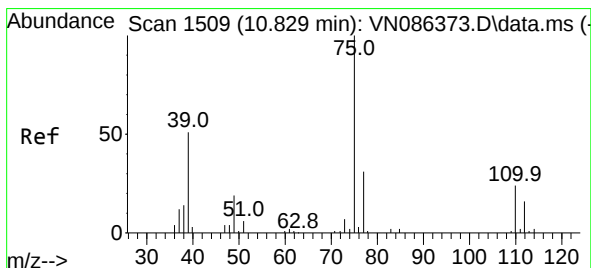
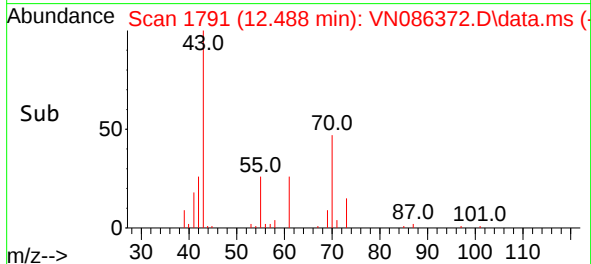
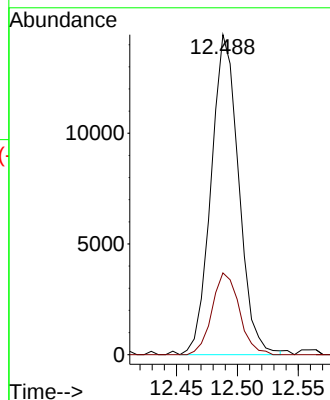
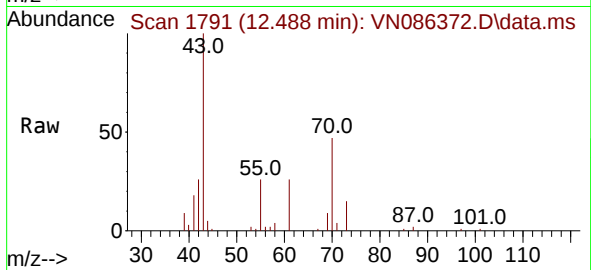
Tgt Ion: 43 Resp: 2279
Ion Ratio Lower Upper
43 100
55 25.2 19.4 29.0

Manual Integrations
APPROVED

Reviewed By :John
Carlone

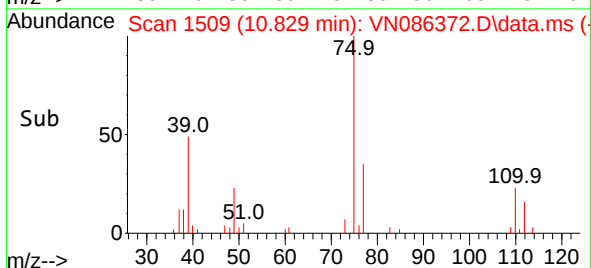
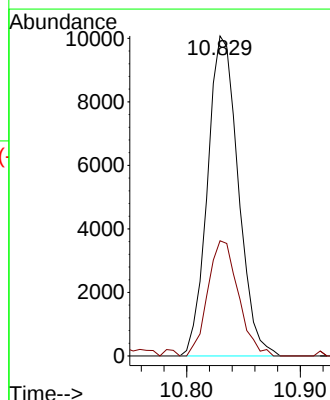
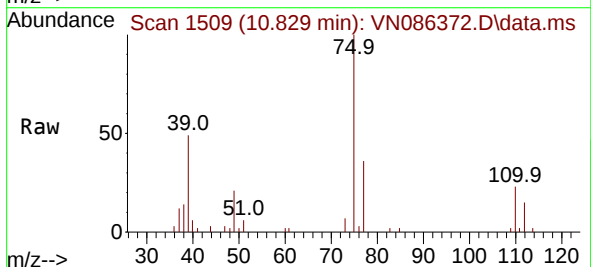
04/24/2025
Supervised By :Mahesh
Dadoda

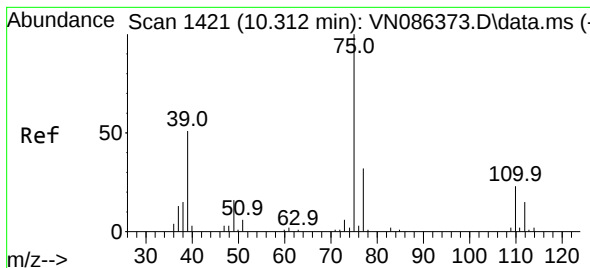
04/25/2025



#48
t-1,3-Dichloropropene
Concen: 4.752 ug/l
RT: 10.829 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VN086372.D
Acq: 23 Apr 2025 09:22

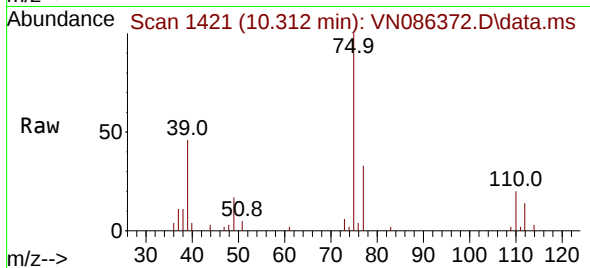
Tgt Ion: 75 Resp: 18958
Ion Ratio Lower Upper
75 100
77 36.0 24.4 36.6





#49
 cis-1,3-Dichloropropene
 Concen: 4.819 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN086372.D
 Acq: 23 Apr 2025 09:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



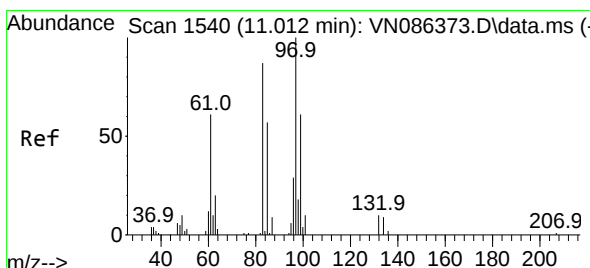
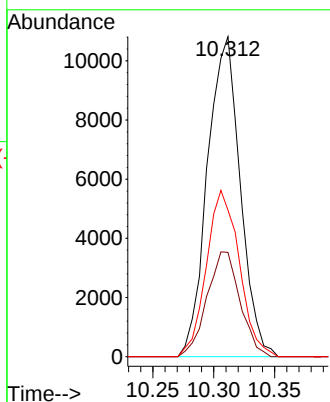
Tgt Ion: 75 Resp: 2027
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.6 38.4
 39 45.8 40.6 60.8

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

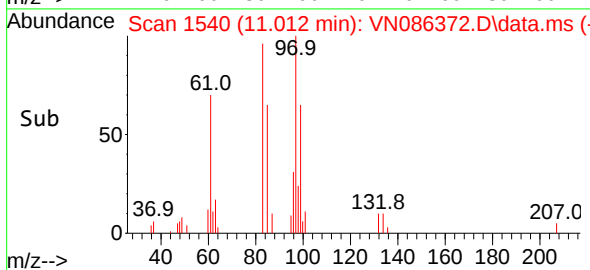
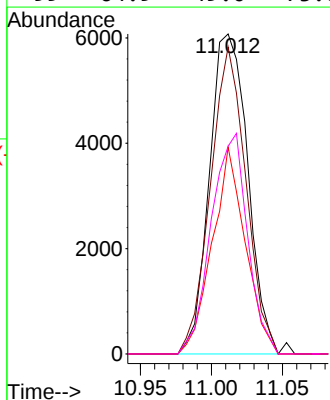
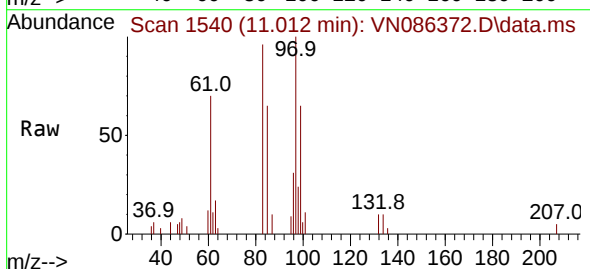
04/24/2025
 Supervised By :Mahesh
 Dadoda

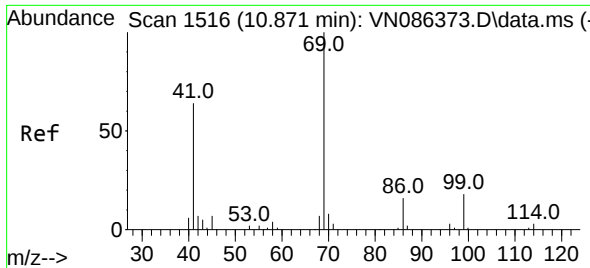
04/25/2025



#50
 1,1,2-Trichloroethane
 Concen: 4.837 ug/l
 RT: 11.012 min Scan# 1540
 Delta R.T. -0.000 min
 Lab File: VN086372.D
 Acq: 23 Apr 2025 09:22

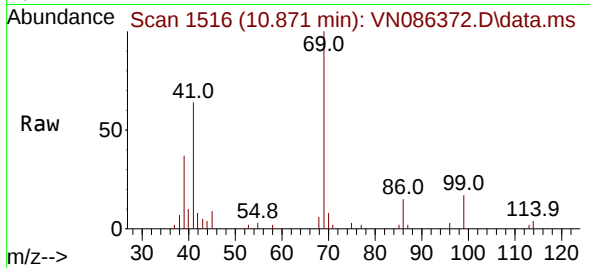
Tgt Ion: 97 Resp: 11391
 Ion Ratio Lower Upper
 97 100
 83 95.9 69.3 103.9
 85 64.7 45.5 68.3
 99 64.9 49.0 73.6





#51
Ethyl methacrylate
Concen: 4.663 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086372.D
Acq: 23 Apr 2025 09:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



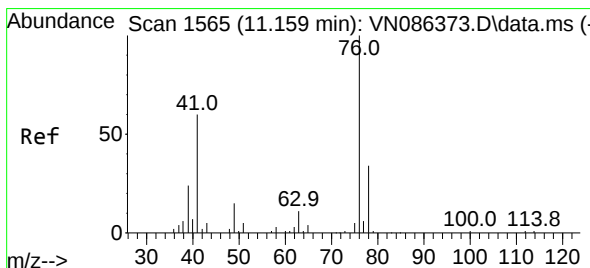
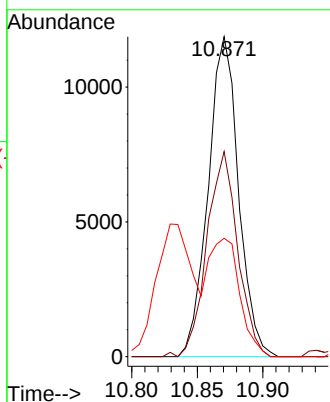
Tgt Ion: 69 Resp: 19120
Ion Ratio Lower Upper
69 100
41 64.1 32.3 96.8
39 37.0 19.1 57.1

Manual Integrations
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Reviewed By :John
Carlone

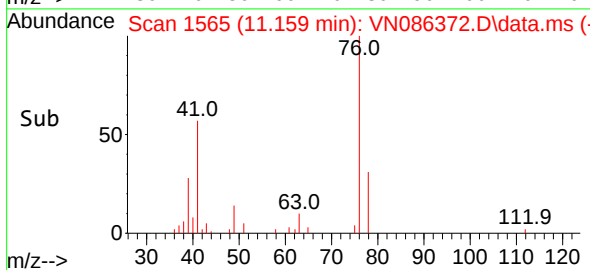
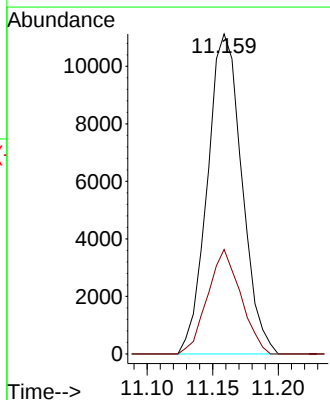
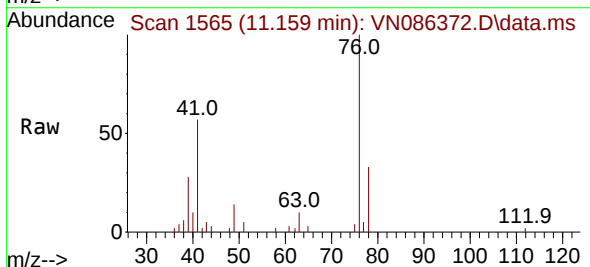
04/24/2025
Supervised By :Mahesh
Dadoda

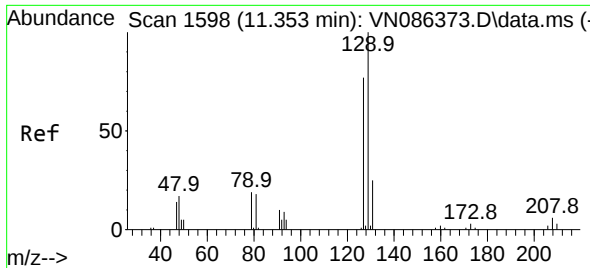
04/25/2025



#52
1,3-Dichloropropane
Concen: 4.887 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN086372.D
Acq: 23 Apr 2025 09:22

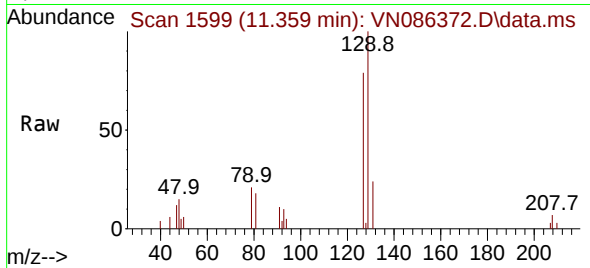
Tgt Ion: 76 Resp: 20341
Ion Ratio Lower Upper
76 100
78 31.4 0.0 65.6





#53
Dibromochloromethane
Concen: 4.763 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN086372.D
Acq: 23 Apr 2025 09:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



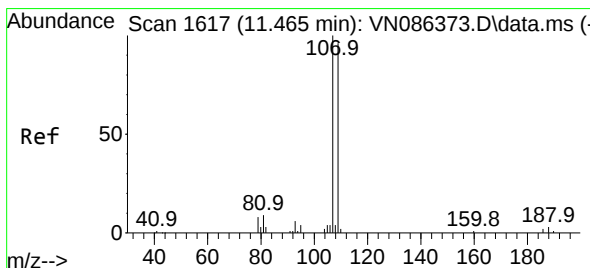
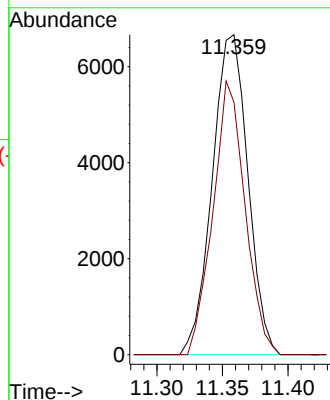
Tgt Ion:129 Resp: 12590
Ion Ratio Lower Upper
129 100
127 77.0 38.8 116.3

Manual Integrations
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Reviewed By :John
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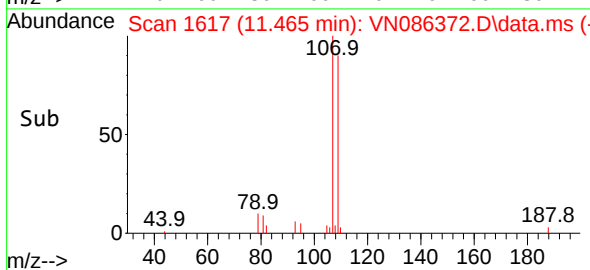
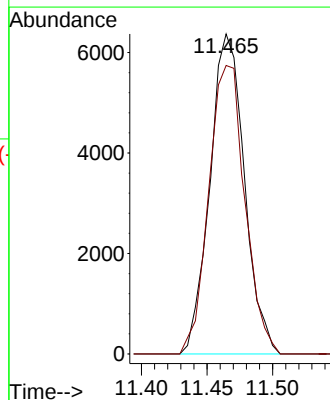
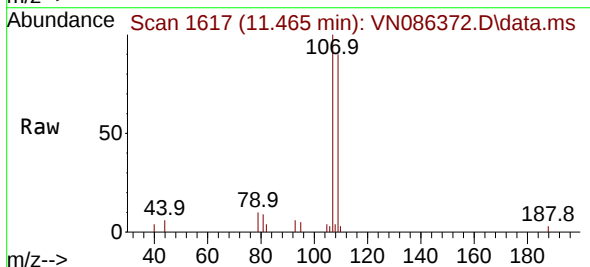
04/24/2025
Supervised By :Mahesh
Dadoda

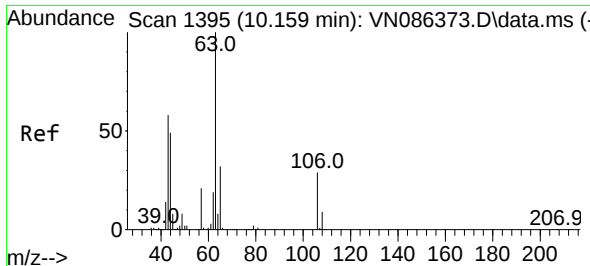
04/25/2025



#54
1,2-Dibromoethane
Concen: 4.868 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086372.D
Acq: 23 Apr 2025 09:22

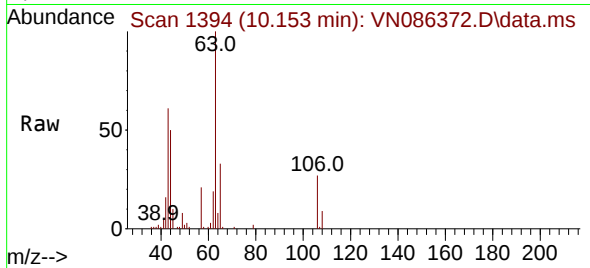
Tgt Ion:107 Resp: 11656
Ion Ratio Lower Upper
107 100
109 94.5 75.4 113.0





#55
2-Chloroethyl vinyl ether
Concen: 23.017 ug/l
RT: 10.153 min Scan# 1394
Delta R.T. -0.006 min
Lab File: VN086372.D
Acq: 23 Apr 2025 09:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



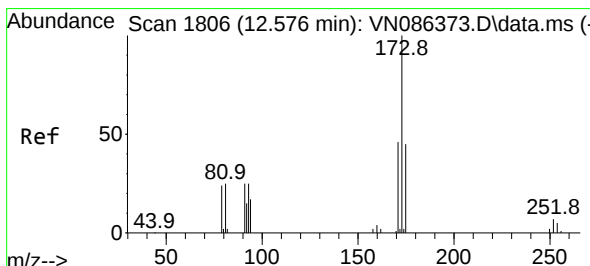
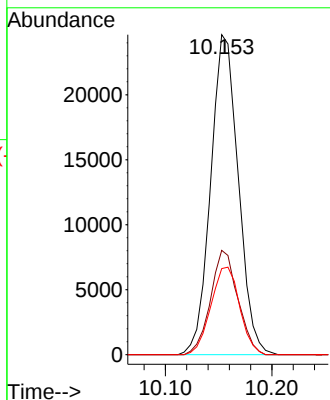
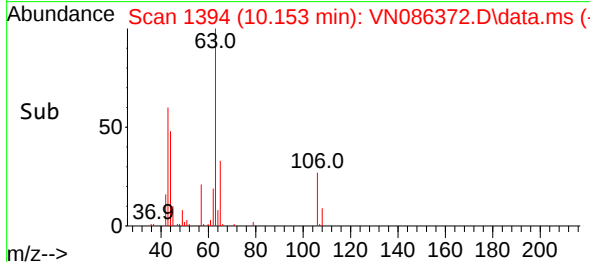
Tgt Ion: 63 Resp: 4438
Ion Ratio Lower Upper
63 100
65 32.2 25.7 38.5
106 28.5 22.3 33.5

Manual Integrations
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Reviewed By :John
Carlone

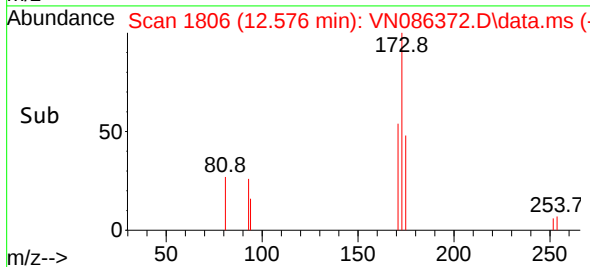
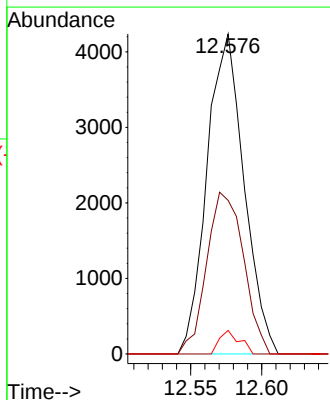
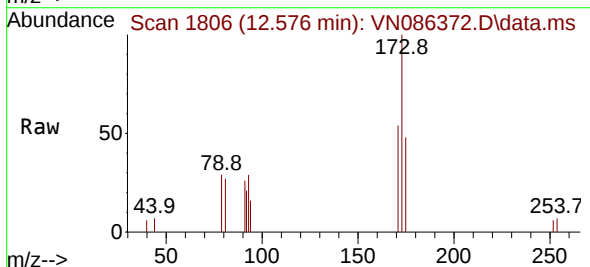
04/24/2025
Supervised By :Mahesh
Dadoda

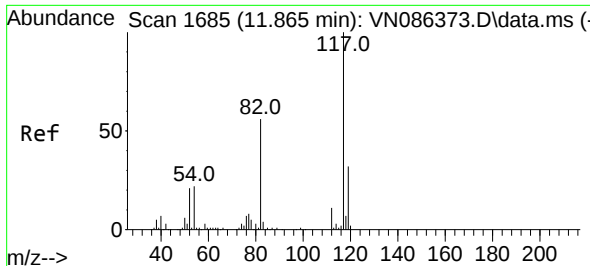
04/25/2025



#56
Bromoform
Concen: 4.471 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086372.D
Acq: 23 Apr 2025 09:22

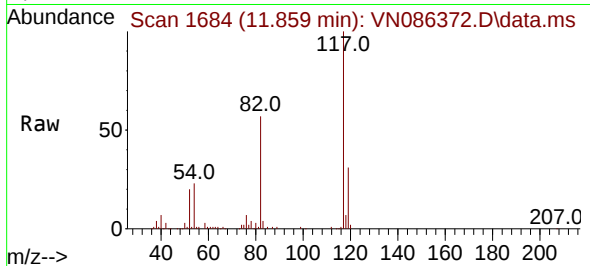
Tgt Ion:173 Resp: 7673
Ion Ratio Lower Upper
173 100
175 50.3 39.0 58.6
254 4.0 3.8 5.6





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.859 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN086372.D
Acq: 23 Apr 2025 09:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



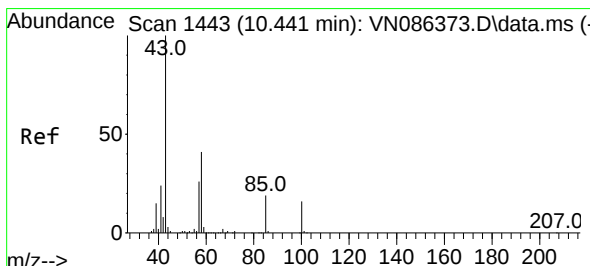
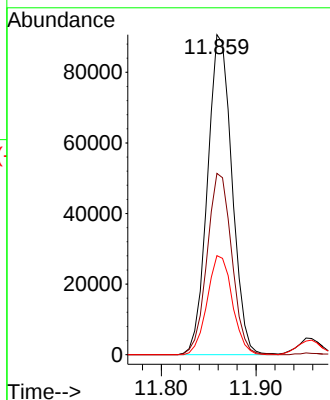
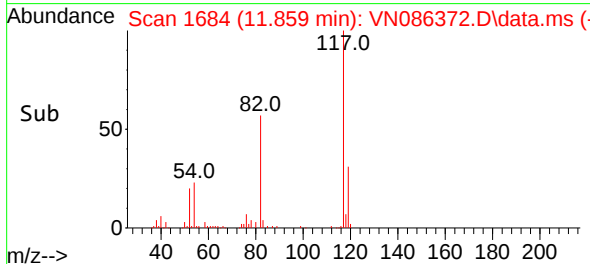
Tgt Ion: 117 Resp: 16294
Ion Ratio Lower Upper
117 100
82 57.1 45.5 68.3
119 31.7 25.9 38.9

Manual Integrations
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Reviewed By :John
Carlone

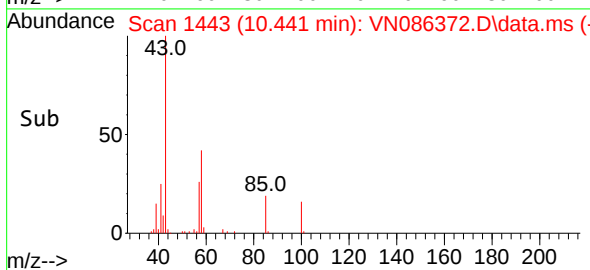
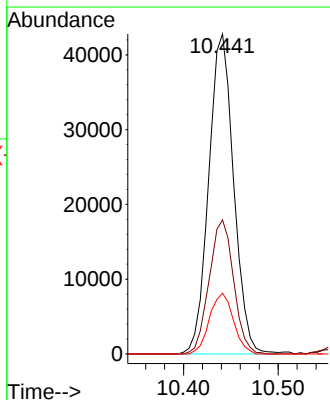
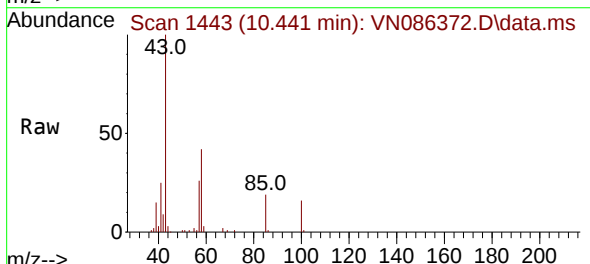
04/24/2025
Supervised By :Mahesh
Dadoda

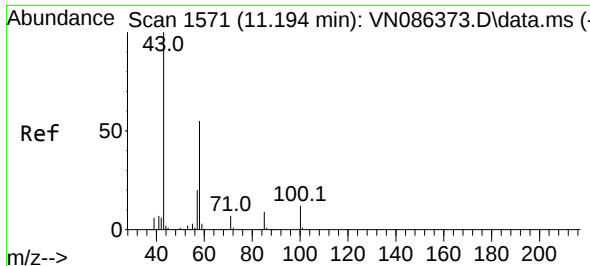
04/25/2025



#58
4-Methyl-2-Pentanone
Concen: 24.901 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086372.D
Acq: 23 Apr 2025 09:22

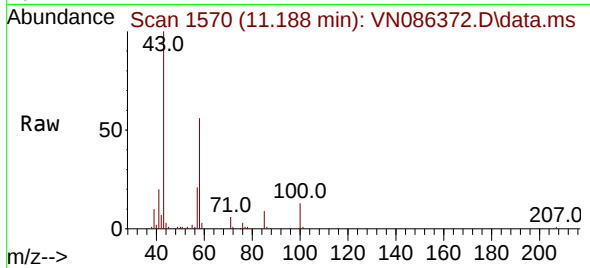
Tgt Ion: 43 Resp: 78517
Ion Ratio Lower Upper
43 100
58 41.0 33.0 49.6
85 18.2 14.9 22.3





#59
2-Hexanone
Concen: 24.809 ug/l
RT: 11.188 min Scan# 1571
Delta R.T. -0.006 min
Lab File: VN086372.D
Acq: 23 Apr 2025 09:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



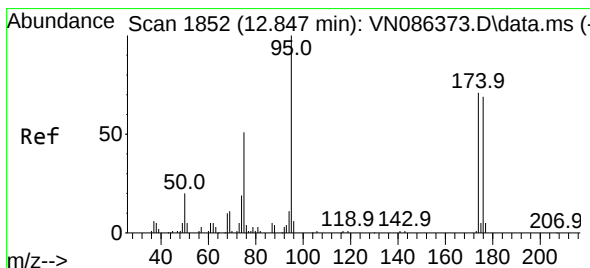
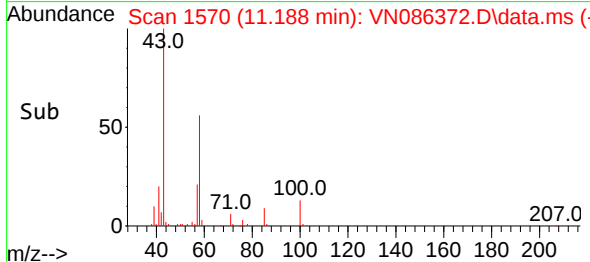
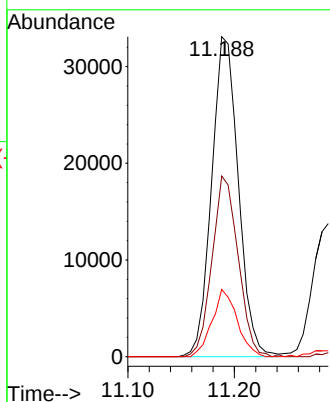
Tgt Ion: 43 Resp: 57648
Ion Ratio Lower Upper
43 100
58 54.9 45.0 67.6
57 19.7 15.5 23.3

Manual Integrations
APPROVED

Reviewed By :John
Carlone

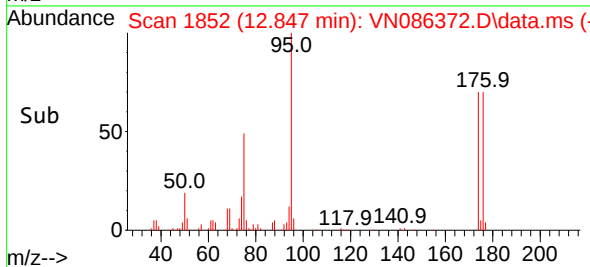
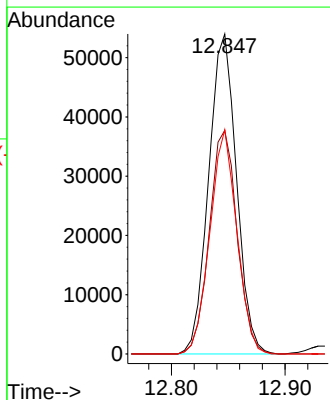
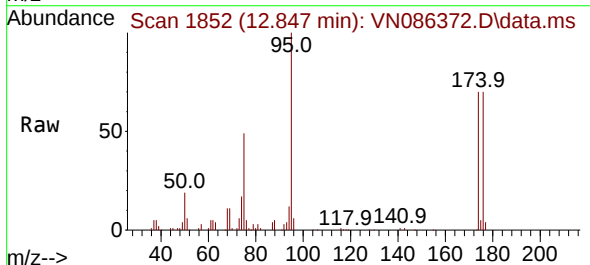
04/24/2025
Supervised By :Mahesh
Dadoda

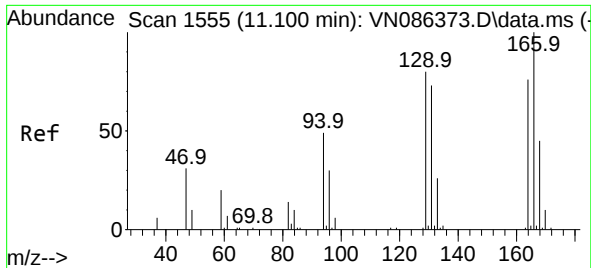
04/25/2025



#60
4-Bromofluorobenzene
Concen: 28.680 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086372.D
Acq: 23 Apr 2025 09:22

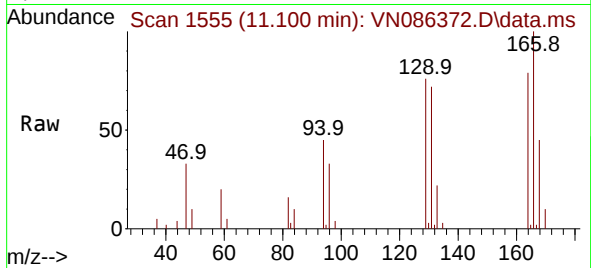
Tgt Ion: 95 Resp: 91848
Ion Ratio Lower Upper
95 100
174 69.9 56.6 84.8
176 67.8 53.3 79.9





#61
Tetrachloroethene
Concen: 5.193 ug/l
RT: 11.100 min Scan# 1155
Delta R.T. -0.000 min
Lab File: VN086372.D
Acq: 23 Apr 2025 09:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



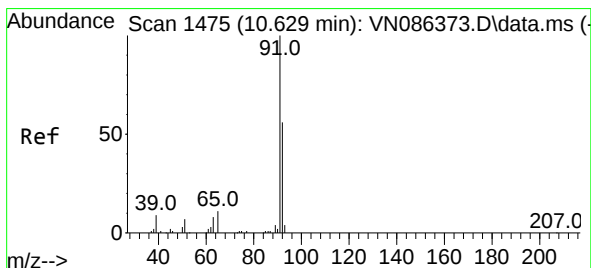
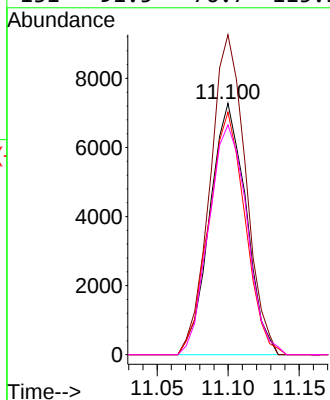
Tgt Ion:164 Resp: 1290
Ion Ratio Lower Upper
164 100
166 127.3 105.0 157.4
129 96.5 83.9 125.9
131 91.5 76.7 115.1

Manual Integrations
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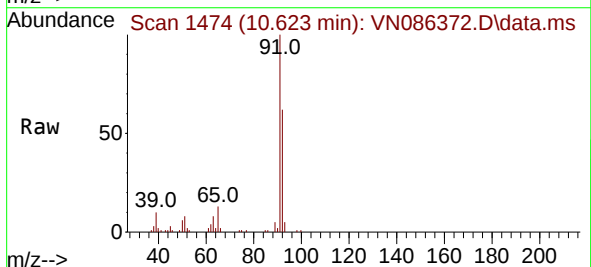
Reviewed By :John
Carlone

04/24/2025
Supervised By :Mahesh
Dadoda

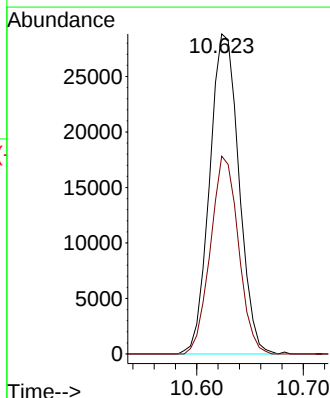
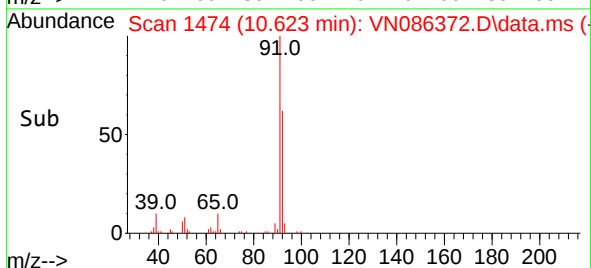
04/25/2025

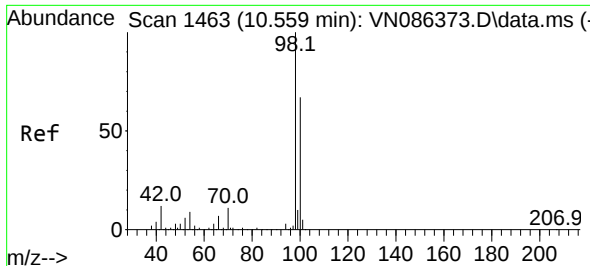


#62
Toluene
Concen: 5.042 ug/l
RT: 10.623 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN086372.D
Acq: 23 Apr 2025 09:22



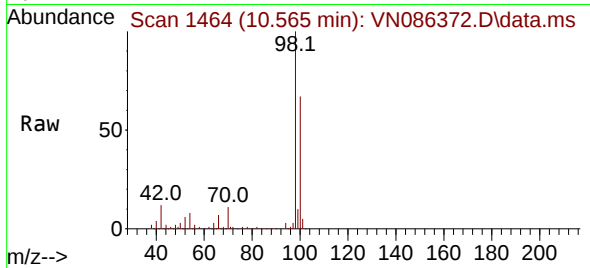
Tgt Ion: 91 Resp: 54989
Ion Ratio Lower Upper
91 100
92 59.1 45.7 68.5





#63
Toluene-d8
Concen: 30.293 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN086372.D
Acq: 23 Apr 2025 09:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



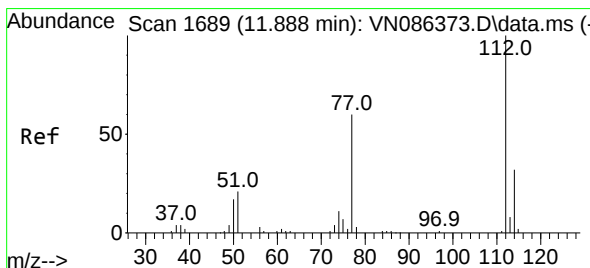
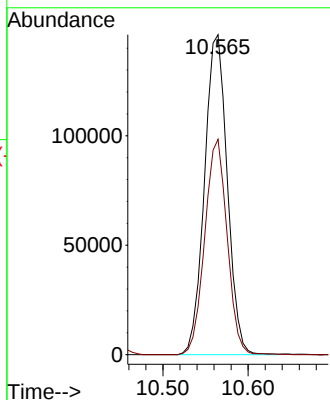
Tgt Ion: 98 Resp: 271554
Ion Ratio Lower Upper
98 100
100 66.0 53.1 79.7

Manual Integrations
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Reviewed By :John
Carlone

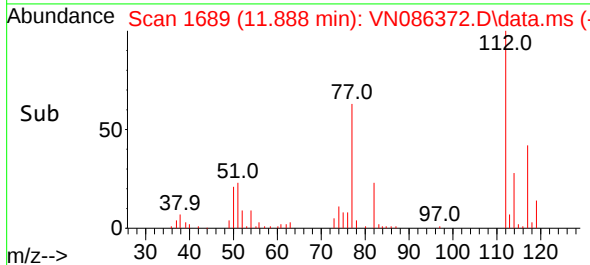
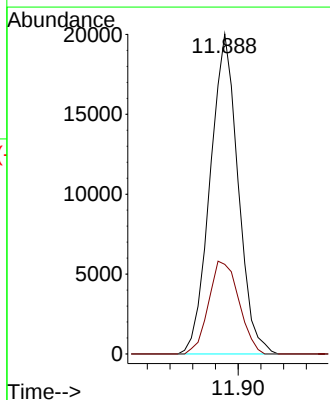
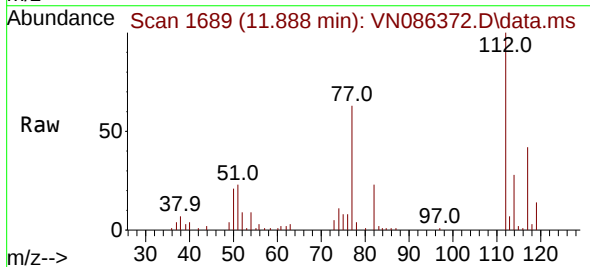
04/24/2025
Supervised By :Mahesh
Dadoda

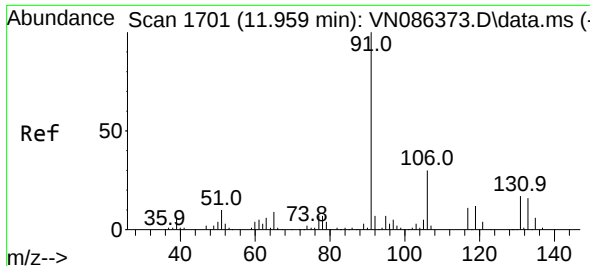
04/25/2025



#64
Chlorobenzene
Concen: 5.040 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN086372.D
Acq: 23 Apr 2025 09:22

Tgt Ion:112 Resp: 34249
Ion Ratio Lower Upper
112 100
114 28.0 25.6 38.4





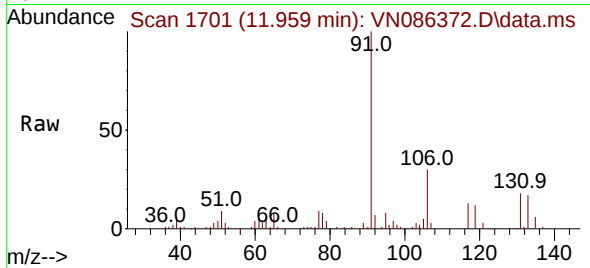
#65
1,1,1,2-Tetrachloroethane
Concen: 4.981 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086372.D
Acq: 23 Apr 2025 09:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005



Tgt Ion:131 Resp: 11318
Ion Ratio Lower Upper
131 100
133 94.1 0.0 191.4
119 64.4 0.0 133.6

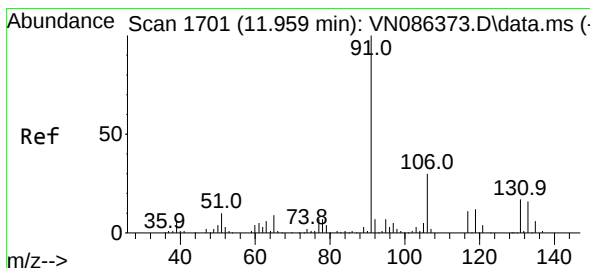
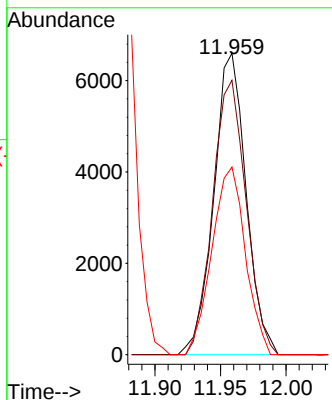
Manual Integrations
APPROVED

Reviewed By :John
Carlone

04/24/2025

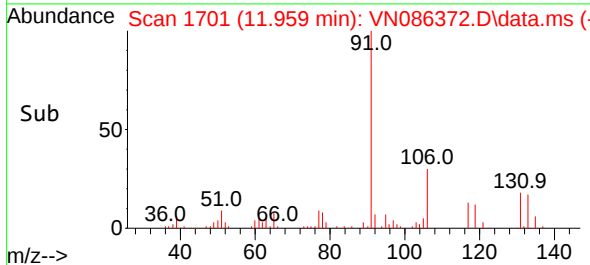
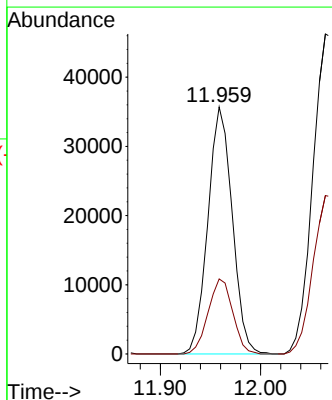
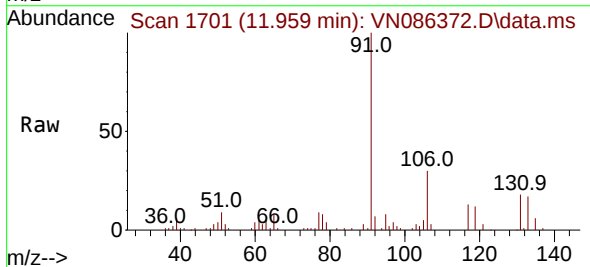
Supervised By :Mahesh
Dadoda

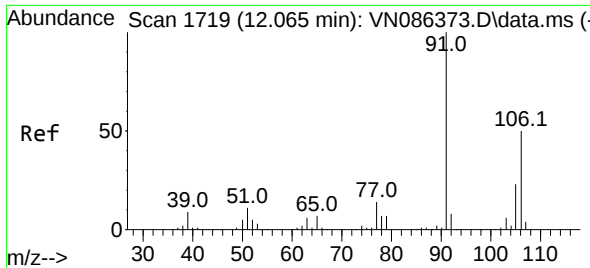
04/25/2025



#66
Ethyl Benzene
Concen: 4.909 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086372.D
Acq: 23 Apr 2025 09:22

Tgt Ion: 91 Resp: 60268
Ion Ratio Lower Upper
91 100
106 30.4 24.3 36.5





#67
m/p-Xylenes
Concen: 9.904 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN086372.D
Acq: 23 Apr 2025 09:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

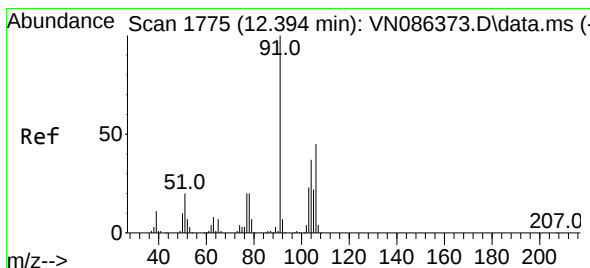
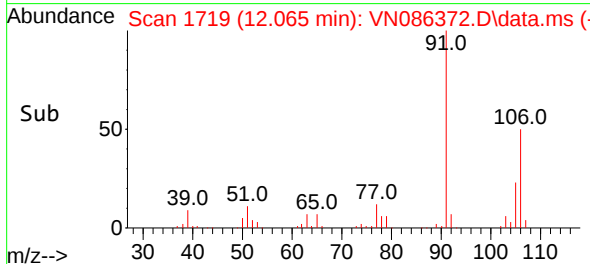
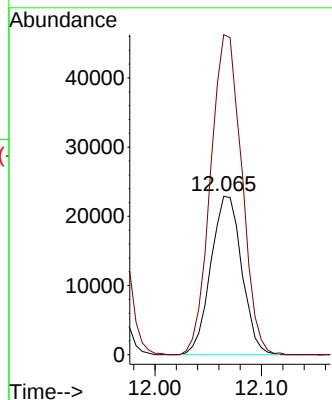
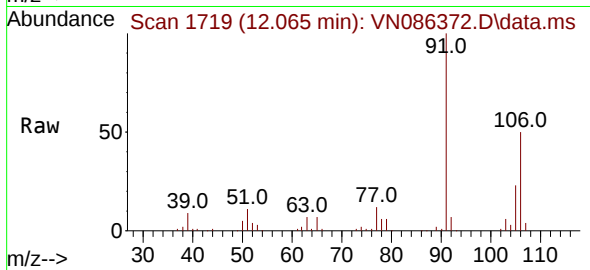
Tgt Ion:106 Resp: 4613
Ion Ratio Lower Upper
106 100
91 203.8 162.6 243.8

Manual Integrations
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Reviewed By :John
Carlone

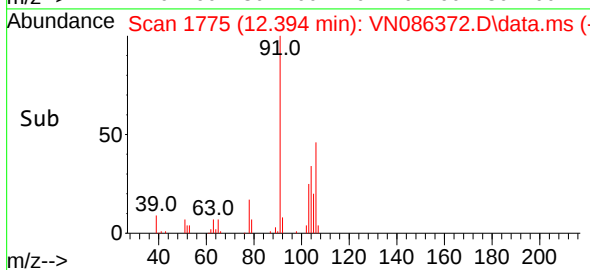
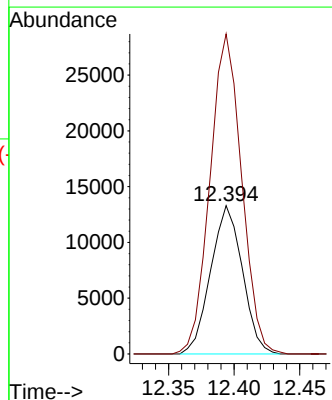
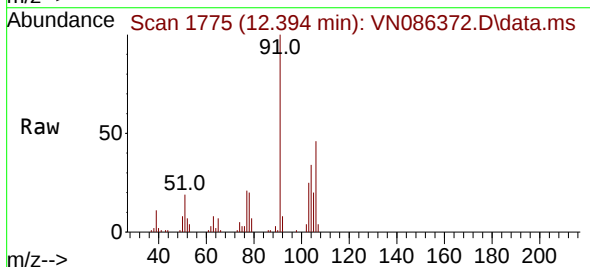
04/24/2025
Supervised By :Mahesh
Dadoda

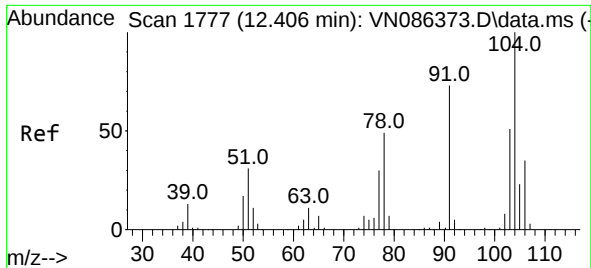
04/25/2025



#68
o-Xylene
Concen: 4.915 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086372.D
Acq: 23 Apr 2025 09:22

Tgt Ion:106 Resp: 22418
Ion Ratio Lower Upper
106 100
91 214.7 110.6 331.6





#69
Styrene
Concen: 4.570 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086372.D
Acq: 23 Apr 2025 09:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

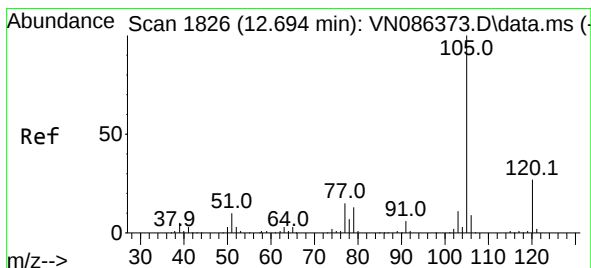
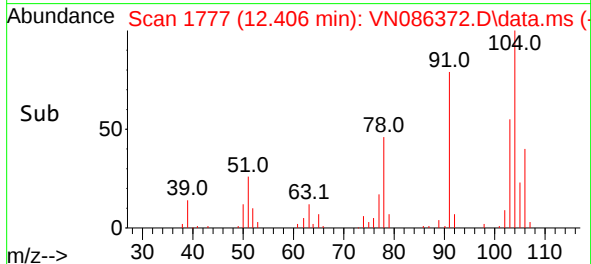
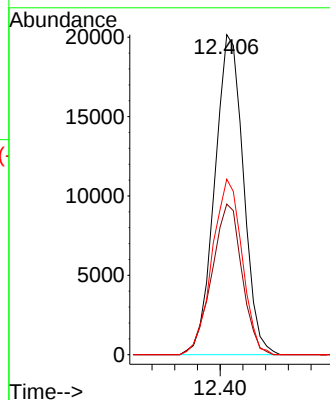
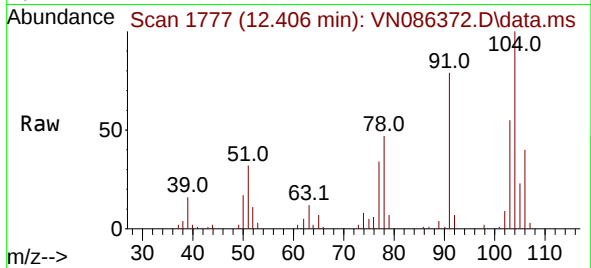
Tgt Ion:104 Resp: 35329
Ion Ratio Lower Upper
104 100
78 49.5 40.2 60.4
103 57.1 43.8 65.8

Manual Integrations
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Reviewed By :John
Carlone

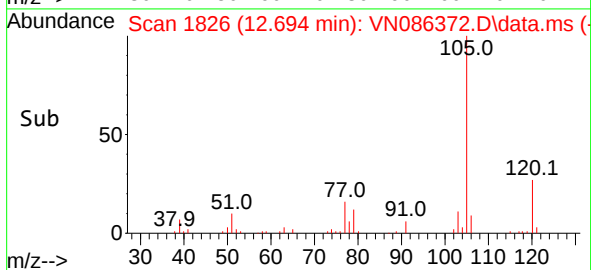
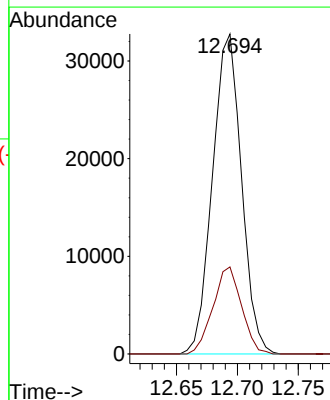
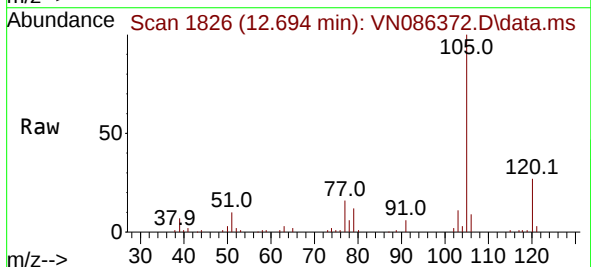
04/24/2025
Supervised By :Mahesh
Dadoda

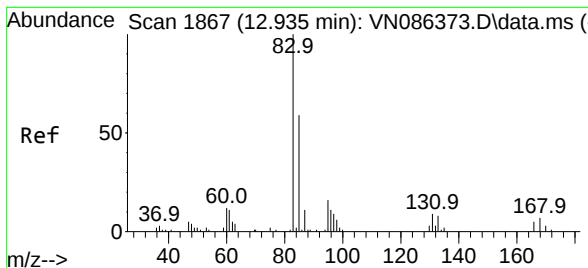
04/25/2025



#70
Isopropylbenzene
Concen: 4.764 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086372.D
Acq: 23 Apr 2025 09:22

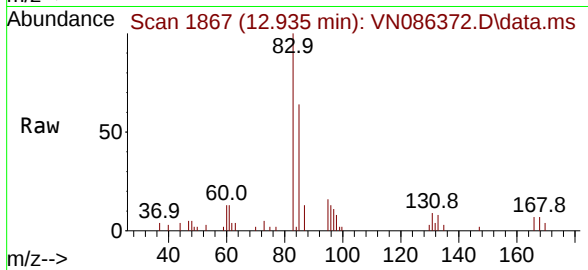
Tgt Ion:105 Resp: 54240
Ion Ratio Lower Upper
105 100
120 26.8 18.2 33.8





#71
1,1,2,2-Tetrachloroethane
Concen: 5.087 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086372.D
Acq: 23 Apr 2025 09:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



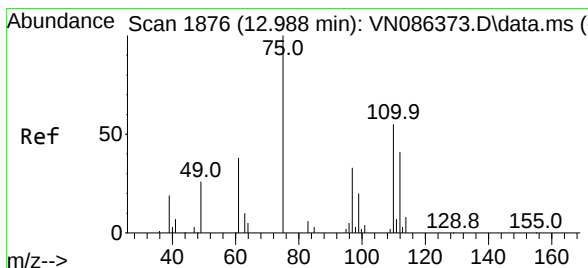
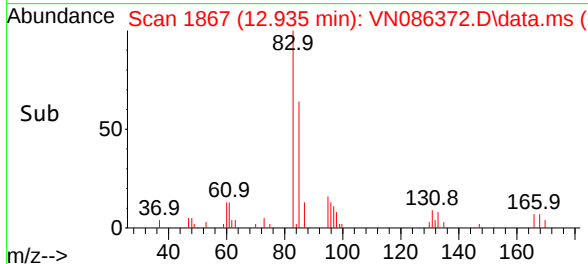
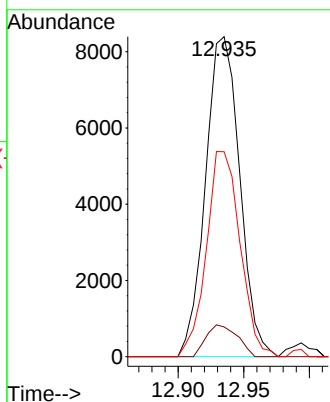
Tgt Ion: 83 Resp: 15250
Ion Ratio Lower Upper
83 100
131 9.0 4.5 13.7
85 63.1 31.7 95.1

Manual Integrations
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Reviewed By :John
Carlone

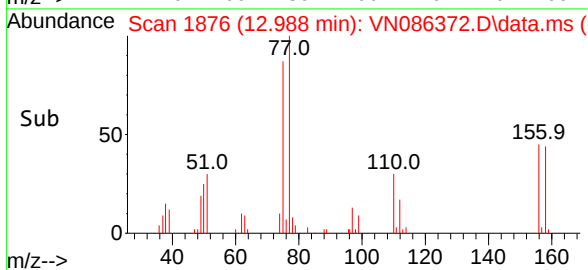
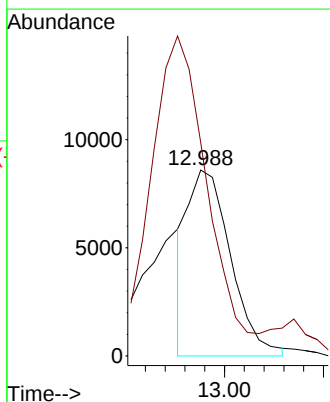
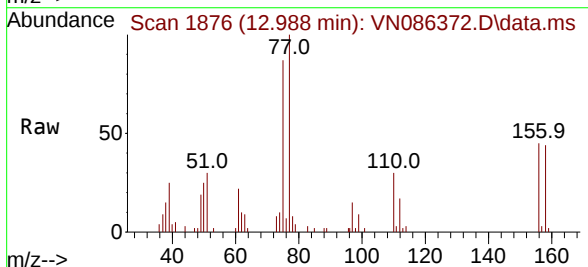
04/24/2025
Supervised By :Mahesh
Dadoda

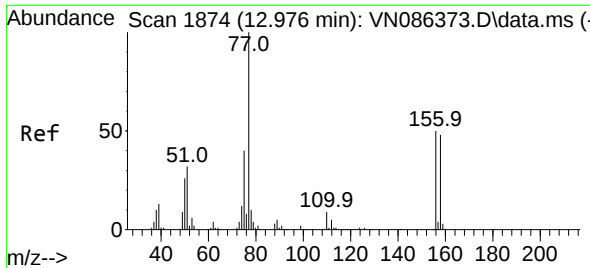
04/25/2025



#72
1,2,3-Trichloropropane
Concen: 4.993 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN086372.D
Acq: 23 Apr 2025 09:22

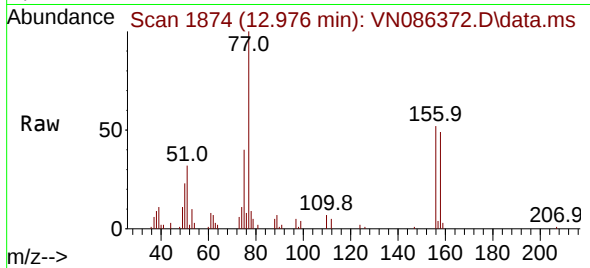
Tgt Ion: 75 Resp: 12969
Ion Ratio Lower Upper
75 100
77 229.4 0.0 464.4





#73
Bromobenzene
Concen: 4.807 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086372.D
Acq: 23 Apr 2025 09:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



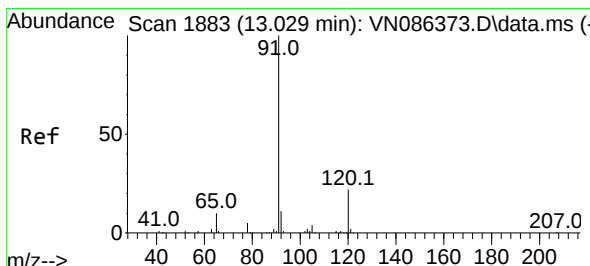
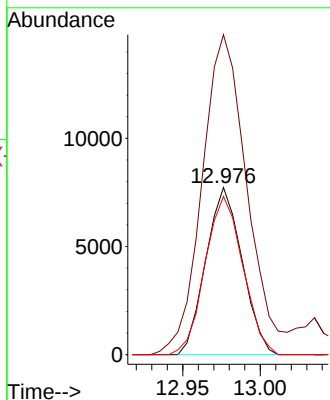
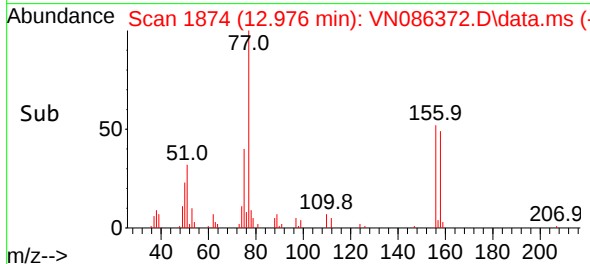
Tgt Ion:156 Resp: 12582
Ion Ratio Lower Upper
156 100
77 236.5 0.0 463.4
158 98.7 0.0 191.8

Manual Integrations
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Reviewed By :John
Carlone

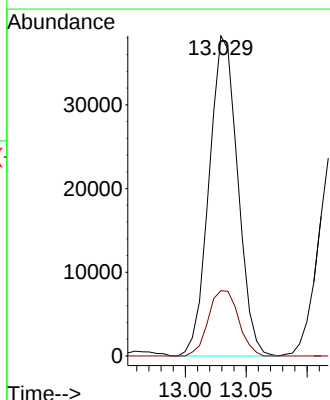
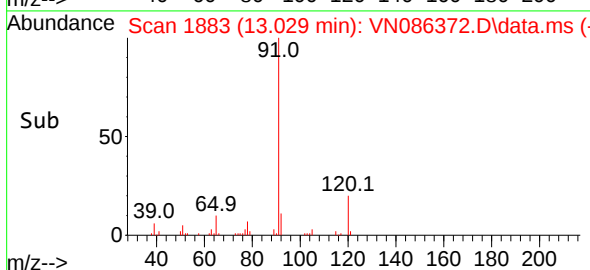
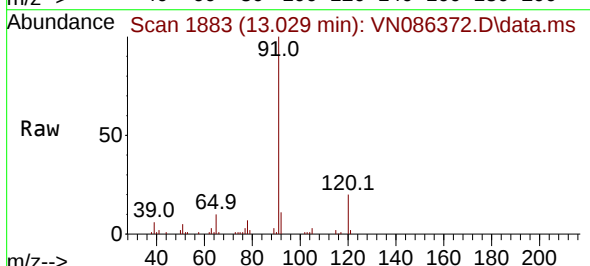
04/24/2025
Supervised By :Mahesh
Dadoda

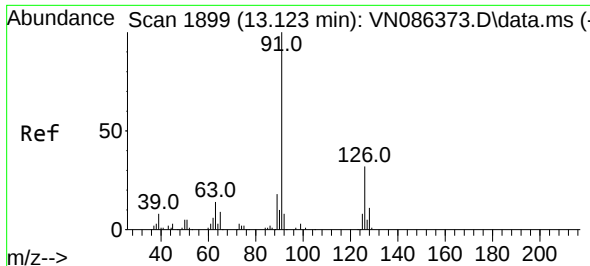
04/25/2025



#74
n-propylbenzene
Concen: 4.630 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN086372.D
Acq: 23 Apr 2025 09:22

Tgt Ion: 91 Resp: 62642
Ion Ratio Lower Upper
91 100
120 21.5 0.0 43.8





#75
2-Chlorotoluene
Concen: 4.856 ug/l
RT: 13.117 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VN086372.D
Acq: 23 Apr 2025 09:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

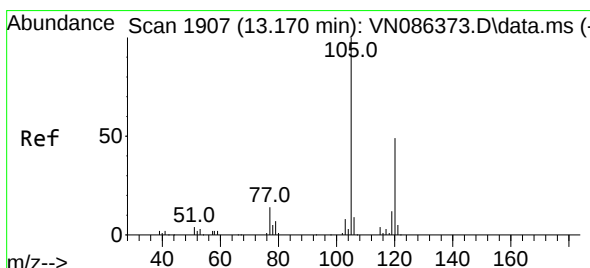
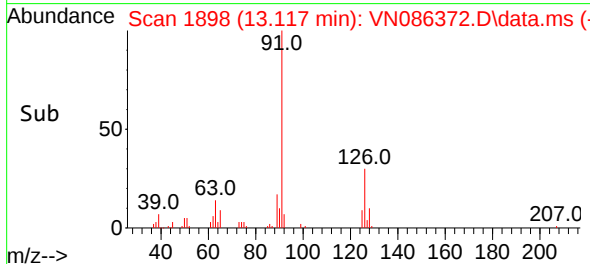
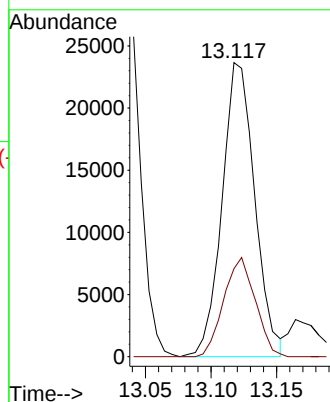
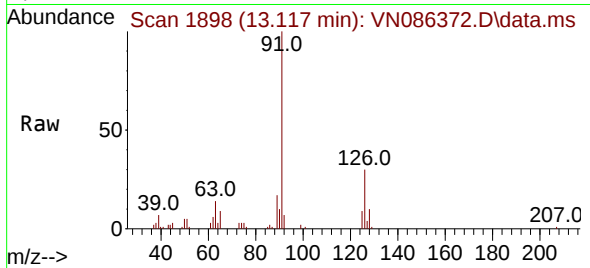
Tgt Ion: 91 Resp: 4101
Ion Ratio Lower Upper
91 100
126 32.5 0.0 65.0

Manual Integrations
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Reviewed By :John
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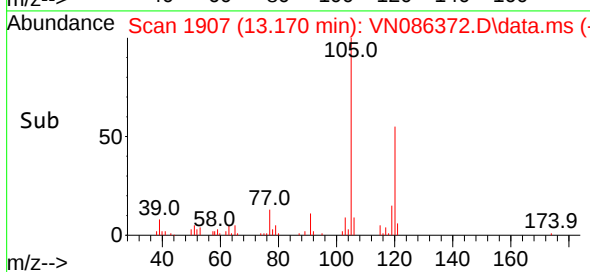
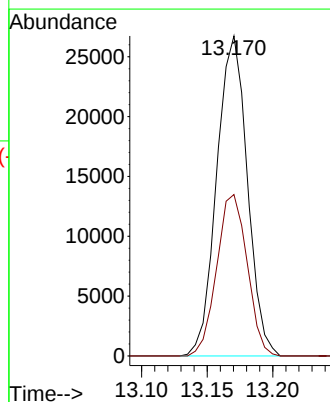
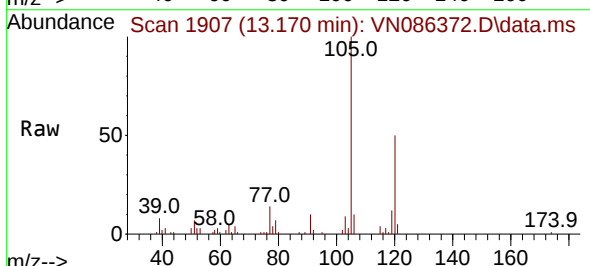
04/24/2025
Supervised By :Mahesh
Dadoda

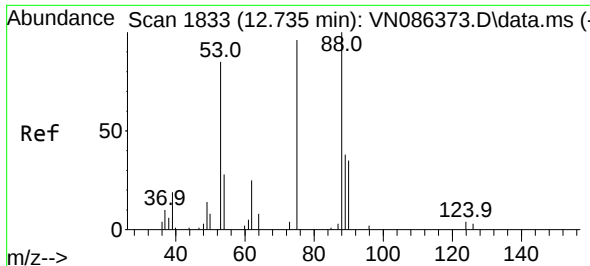
04/25/2025



#76
1,3,5-Trimethylbenzene
Concen: 4.642 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086372.D
Acq: 23 Apr 2025 09:22

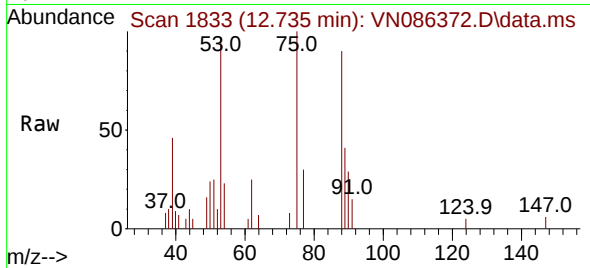
Tgt Ion:105 Resp: 43366
Ion Ratio Lower Upper
105 100
120 50.2 0.0 97.6





#77
t-1,4-Dichloro-2-butene
Concen: 4.624 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086372.D
Acq: 23 Apr 2025 09:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



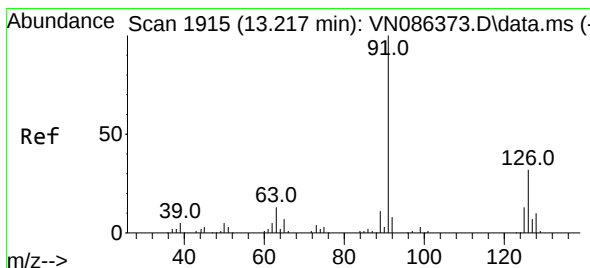
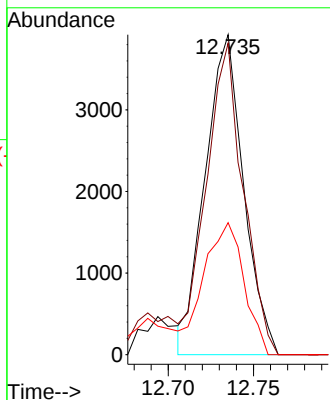
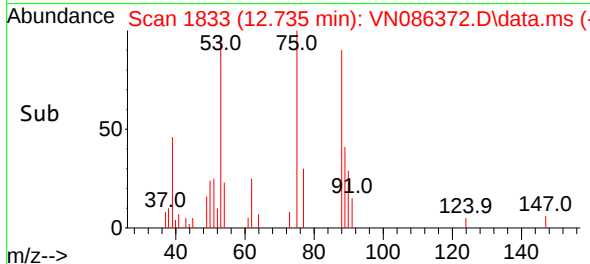
Tgt Ion: 75 Resp: 613
Ion Ratio Lower Upper
75 100
53 97.4 46.0 138.0
89 41.2 21.6 64.6

Manual Integrations
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Reviewed By :John
Carlone

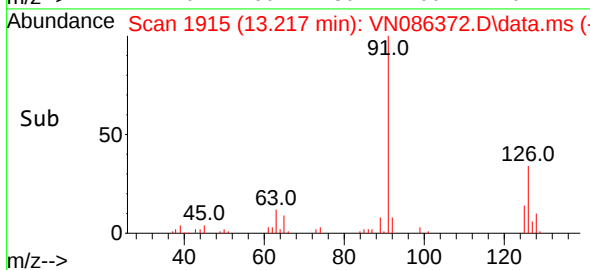
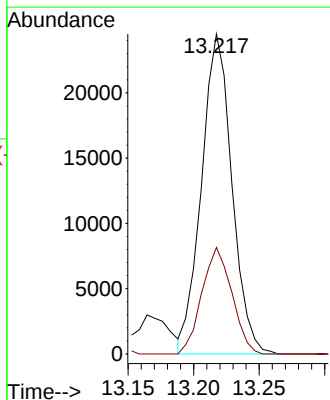
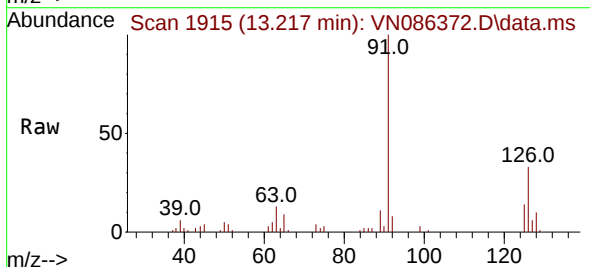
04/24/2025
Supervised By :Mahesh
Dadoda

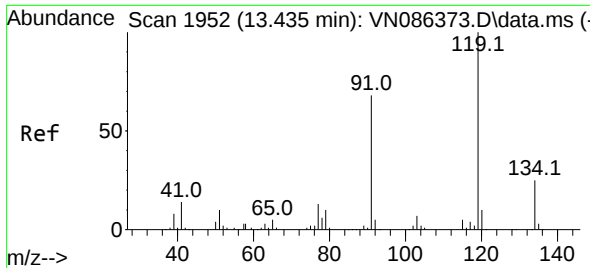
04/25/2025



#78
4-Chlorotoluene
Concen: 4.685 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086372.D
Acq: 23 Apr 2025 09:22

Tgt Ion: 91 Resp: 39565
Ion Ratio Lower Upper
91 100
126 32.8 0.0 65.4





#79
tert-butylbenzene
Concen: 4.814 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086372.D
Acq: 23 Apr 2025 09:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

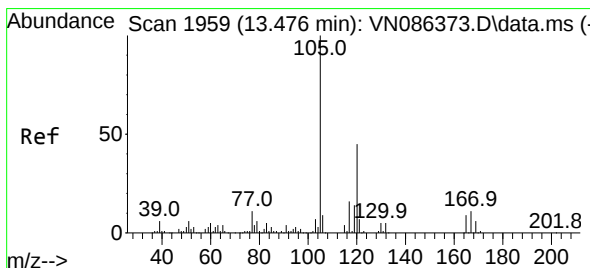
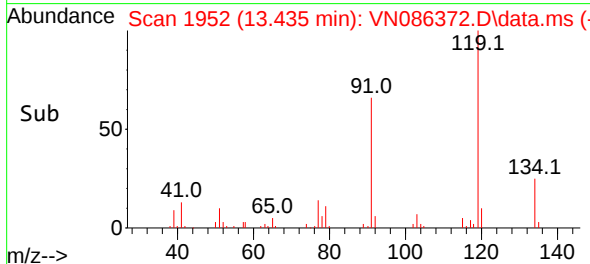
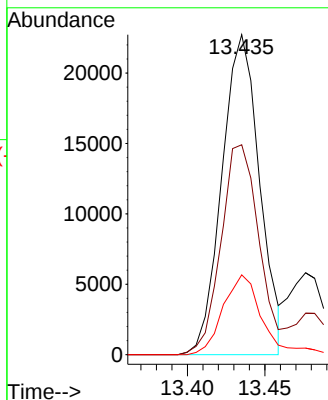
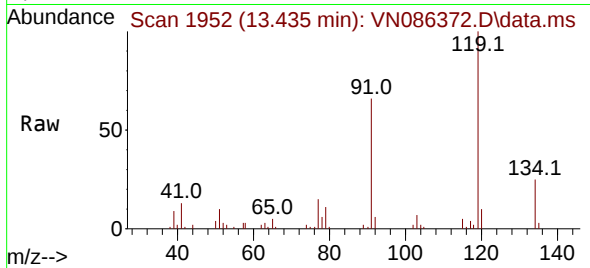
Tgt Ion:119 Resp: 3851
Ion Ratio Lower Upper
119 100
91 65.8 0.0 137.4
134 24.9 0.0 49.2

Manual Integrations
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Reviewed By :John
Carlone

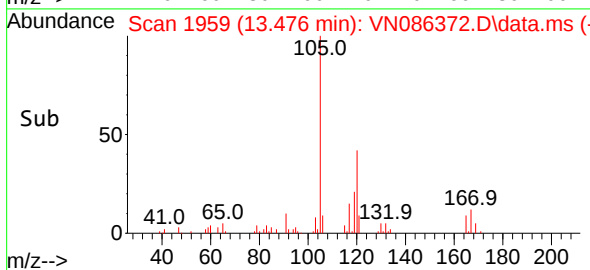
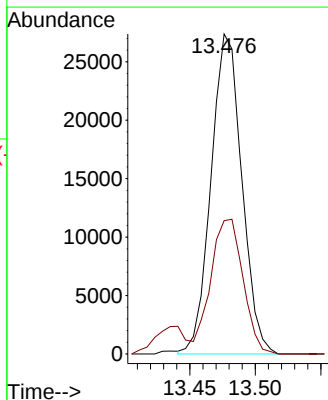
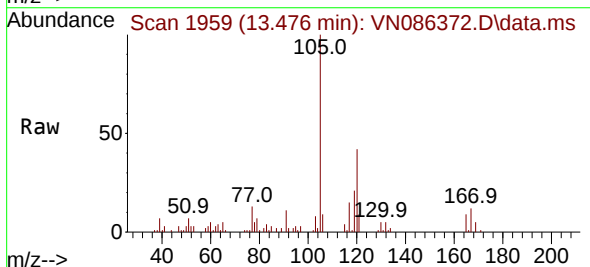
04/24/2025
Supervised By :Mahesh
Dadoda

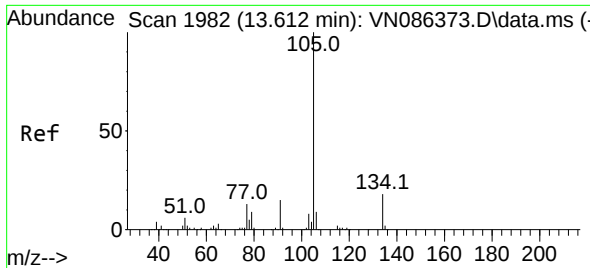
04/25/2025



#80
1,2,4-Trimethylbenzene
Concen: 4.679 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN086372.D
Acq: 23 Apr 2025 09:22

Tgt Ion:105 Resp: 44636
Ion Ratio Lower Upper
105 100
120 44.0 0.0 87.6





#81
 sec-Butylbenzene
 Concen: 4.745 ug/l
 RT: 13.611 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086372.D
 Acq: 23 Apr 2025 09:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

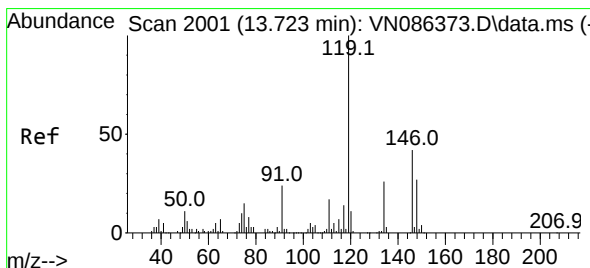
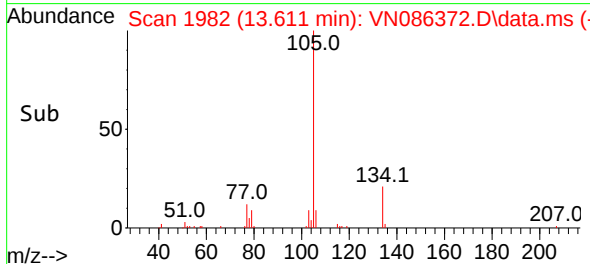
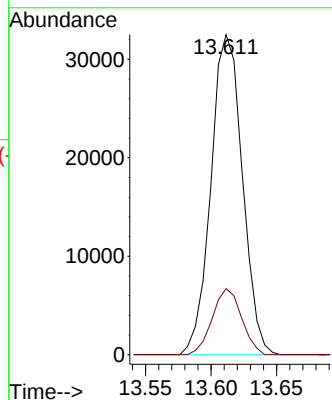
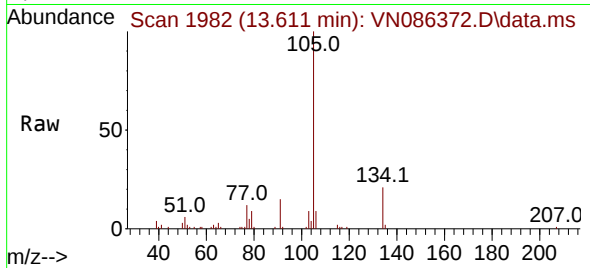
Tgt Ion:105 Resp: 54180
 Ion Ratio Lower Upper
 105 100
 134 19.2 0.0 38.4

Manual Integrations
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Reviewed By :John
 Carlone

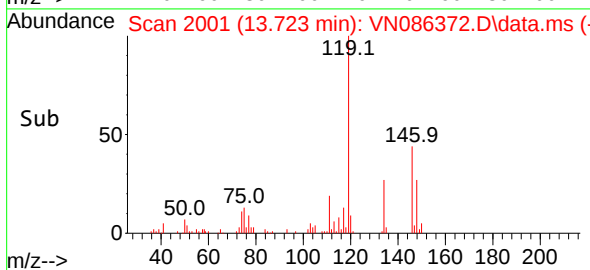
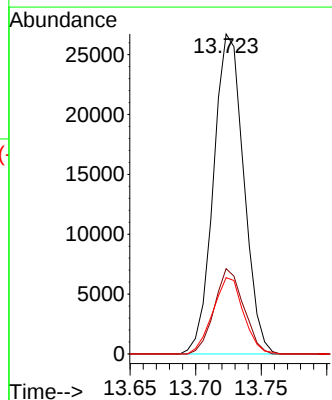
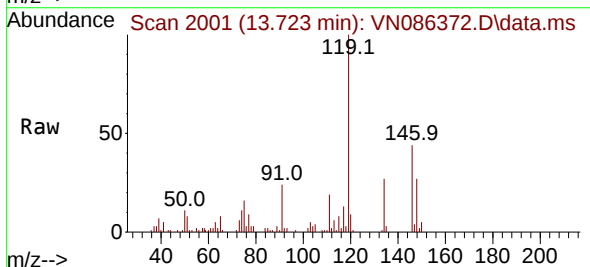
04/24/2025
 Supervised By :Mahesh
 Dadoda

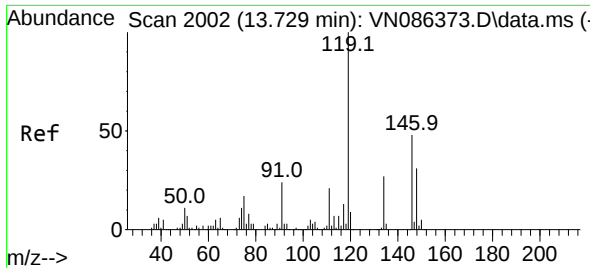
04/25/2025



#82
 p-Isopropyltoluene
 Concen: 4.486 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.000 min
 Lab File: VN086372.D
 Acq: 23 Apr 2025 09:22

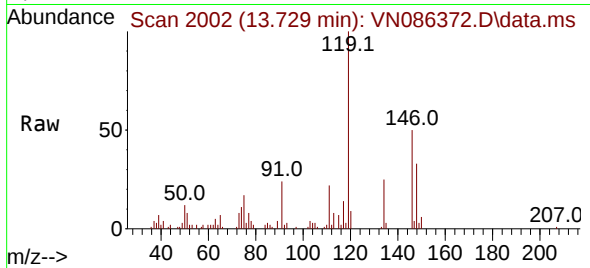
Tgt Ion:119 Resp: 42872
 Ion Ratio Lower Upper
 119 100
 134 25.8 0.0 52.2
 91 24.2 0.0 47.6





#83
1,3-Dichlorobenzene
Concen: 4.595 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086372.D
Acq: 23 Apr 2025 09:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



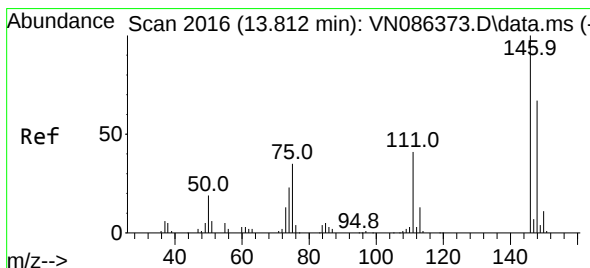
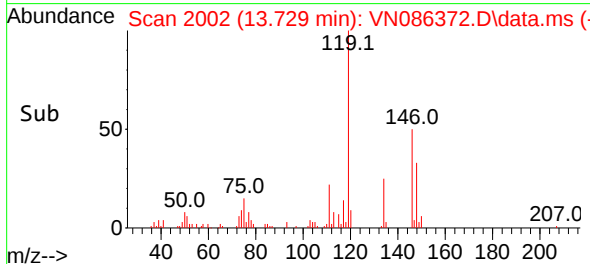
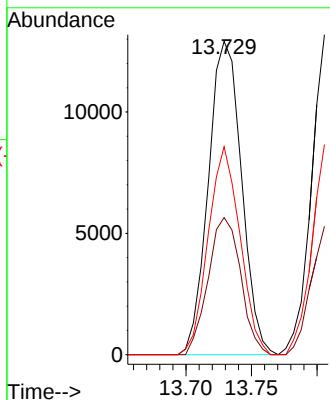
Tgt Ion:146 Resp: 2273
Ion Ratio Lower Upper
146 100
111 43.0 20.7 62.1
148 63.6 32.3 96.8

Manual Integrations
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Reviewed By :John
Carlone

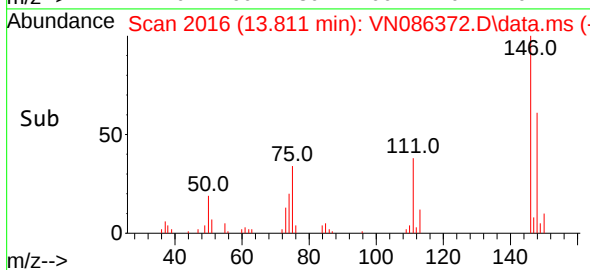
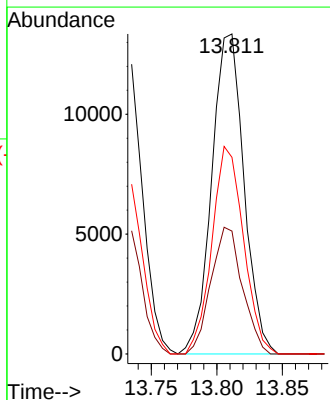
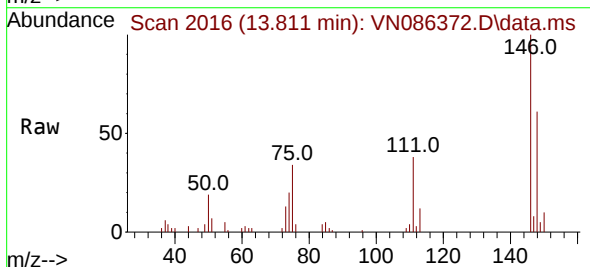
04/24/2025
Supervised By :Mahesh
Dadoda

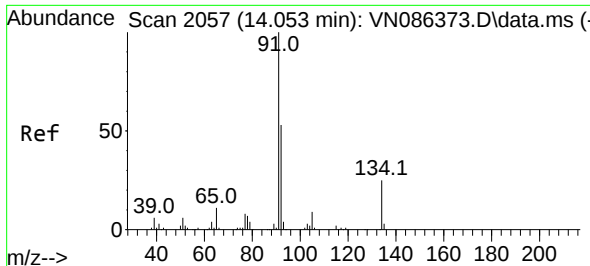
04/25/2025



#84
1,4-Dichlorobenzene
Concen: 4.673 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN086372.D
Acq: 23 Apr 2025 09:22

Tgt Ion:146 Resp: 22845
Ion Ratio Lower Upper
146 100
111 38.7 20.3 60.8
148 63.6 32.4 97.2





#85
n-Butylbenzene
Concen: 4.377 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086372.D
Acq: 23 Apr 2025 09:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

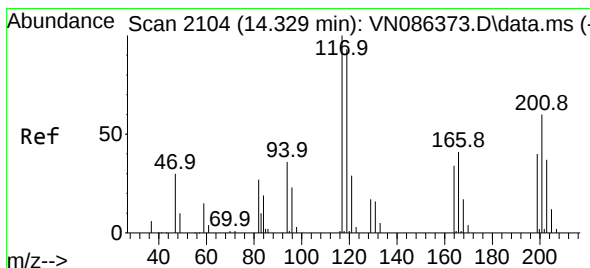
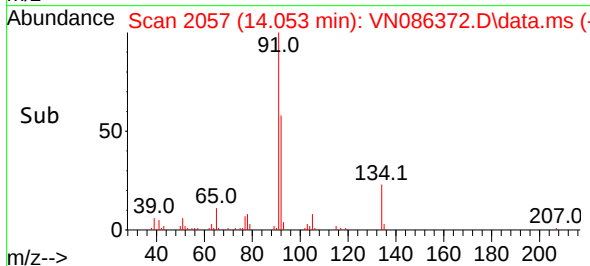
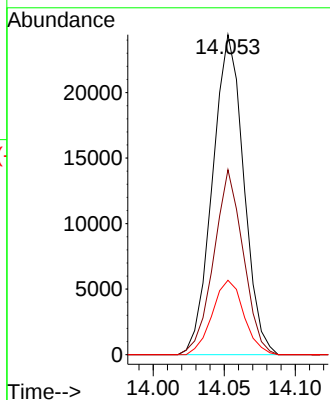
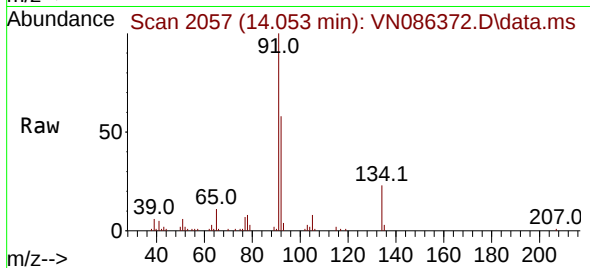
Tgt Ion: 91 Resp: 3732
Ion Ratio Lower Upper
91 100
92 54.7 0.0 107.2
134 23.6 0.0 48.2

Manual Integrations
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Reviewed By :John
Carlone

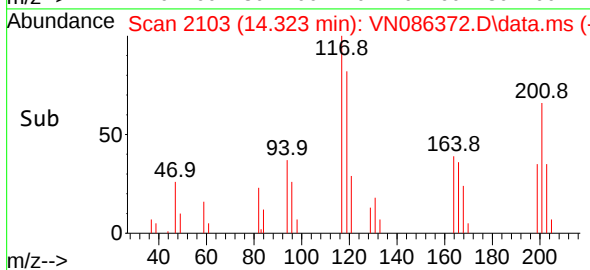
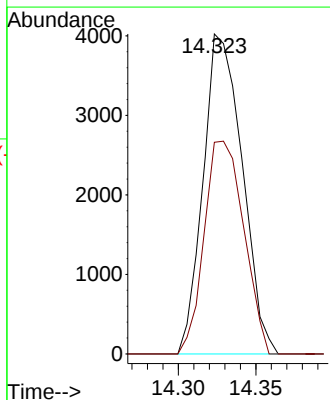
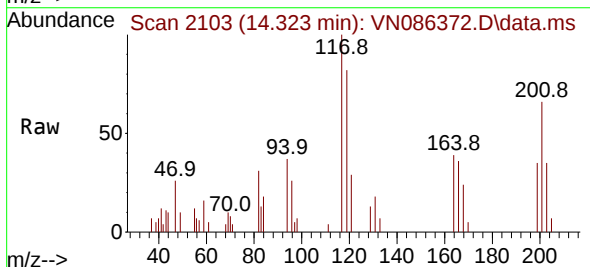
04/24/2025
Supervised By :Mahesh
Dadoda

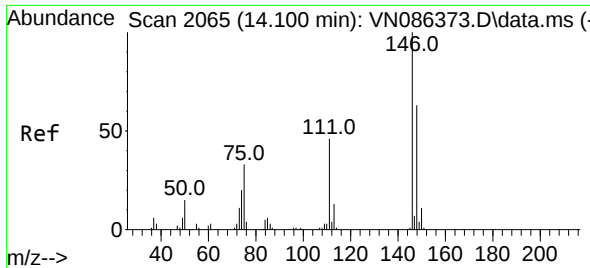
04/25/2025



#86
Hexachloroethane
Concen: 4.512 ug/l
RT: 14.323 min Scan# 2103
Delta R.T. -0.006 min
Lab File: VN086372.D
Acq: 23 Apr 2025 09:22

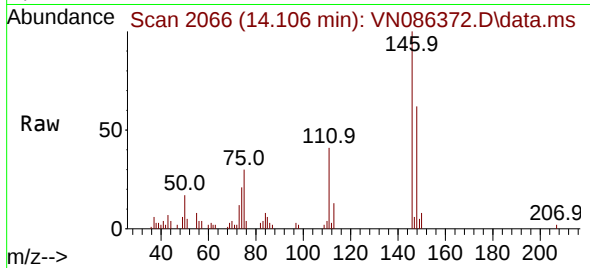
Tgt Ion:117 Resp: 7050
Ion Ratio Lower Upper
117 100
201 67.4 31.7 95.1





#87
 1,2-Dichlorobenzene
 Concen: 4.788 ug/l
 RT: 14.106 min Scan# 2065
 Delta R.T. 0.006 min
 Lab File: VN086372.D
 Acq: 23 Apr 2025 09:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



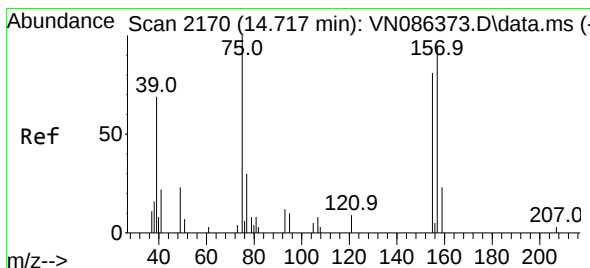
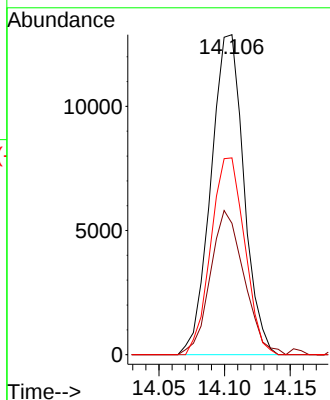
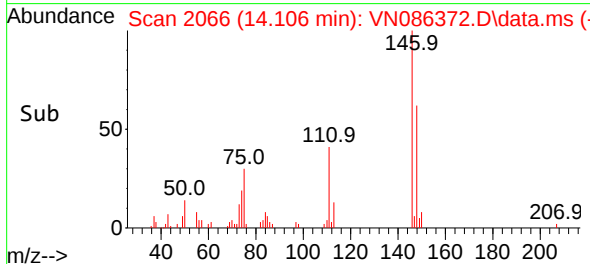
Tgt Ion:146 Resp: 2254
 Ion Ratio Lower Upper
 146 100
 111 46.1 22.1 66.3
 148 63.0 32.0 96.0

Manual Integrations
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Reviewed By :John
 Carlone

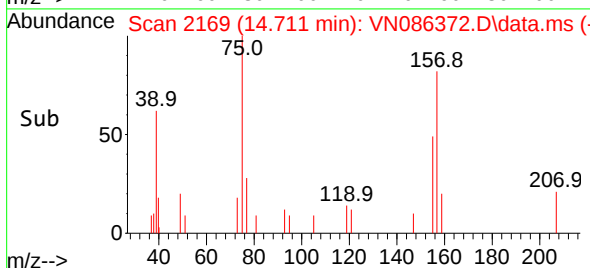
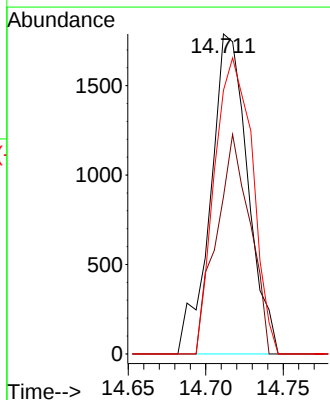
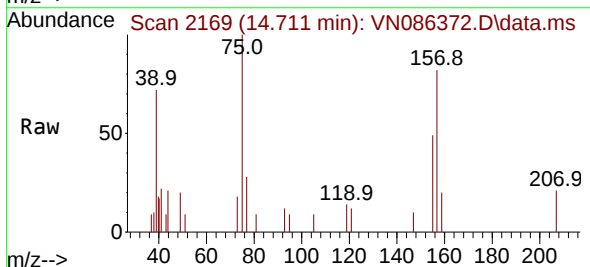
04/24/2025
 Supervised By :Mahesh
 Dadoda

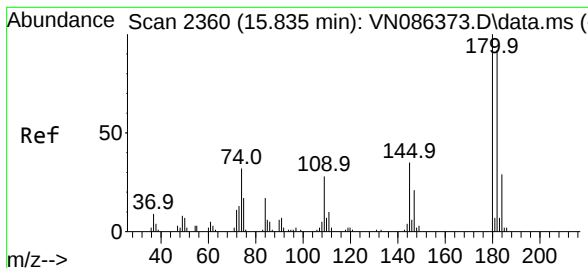
04/25/2025



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 4.909 ug/l
 RT: 14.711 min Scan# 2169
 Delta R.T. -0.006 min
 Lab File: VN086372.D
 Acq: 23 Apr 2025 09:22

Tgt Ion: 75 Resp: 2991
 Ion Ratio Lower Upper
 75 100
 155 62.0 64.0 96.0#
 157 94.1 78.2 117.4





#89

1,2,4-Trichlorobenzene

Concen: 4.392 ug/l

RT: 15.829 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN086372.D

Acq: 23 Apr 2025 09:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion:180	Resp:	9424
Ion Ratio	Lower	Upper
180	100	
182	95.9	74.8 112.2
145	33.2	26.9 40.3

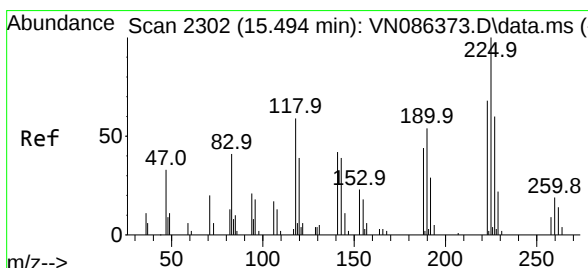
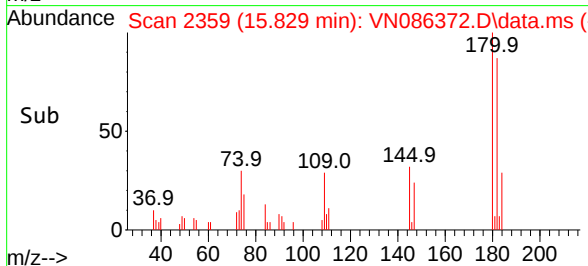
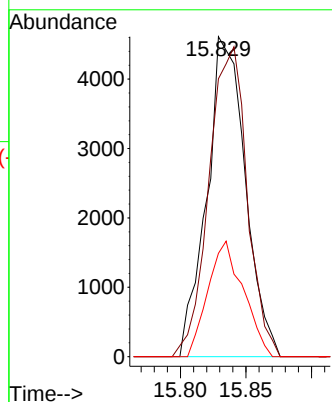
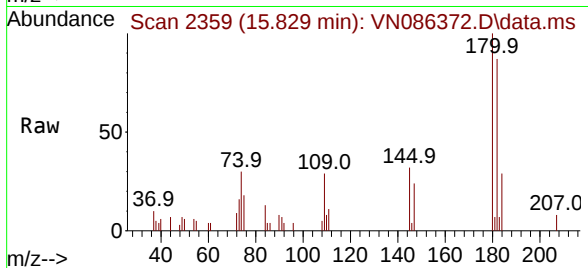
Manual Integrations
APPROVED

Reviewed By :John
Carlone

04/24/2025

Supervised By :Mahesh
Dadoda

04/25/2025



#90

Hexachlorobutadiene

Concen: 5.023 ug/l

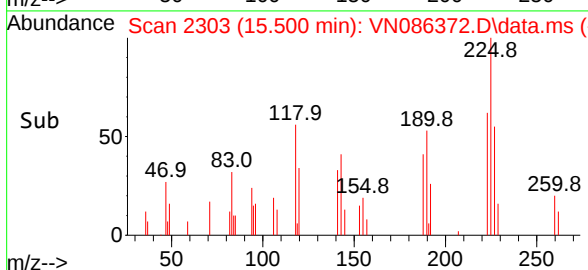
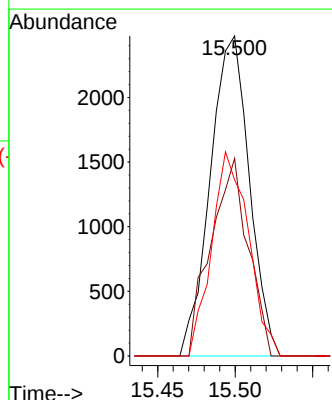
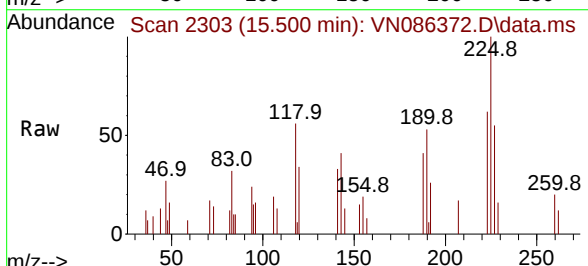
RT: 15.500 min Scan# 2303

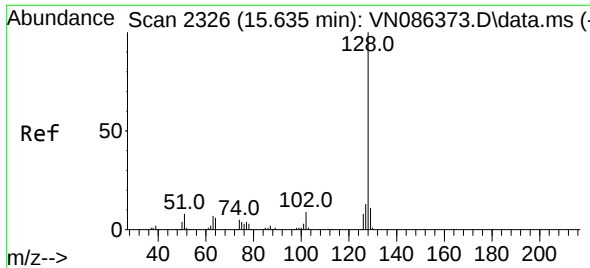
Delta R.T. 0.006 min

Lab File: VN086372.D

Acq: 23 Apr 2025 09:22

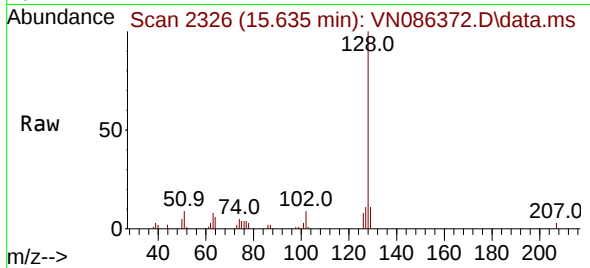
Tgt Ion:225	Resp:	4341
Ion Ratio	Lower	Upper
225	100	
223	58.9	0.0 128.8
227	60.0	0.0 120.2





#91
Naphthalene
Concen: 4.306 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN086372.D
Acq: 23 Apr 2025 09:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



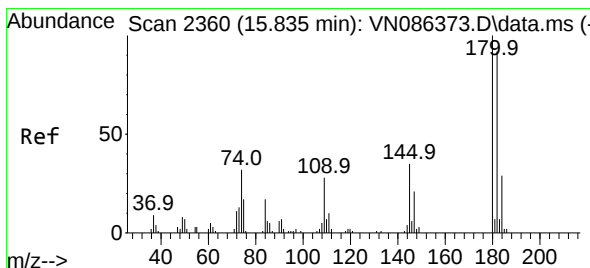
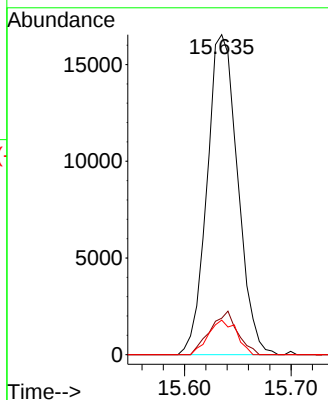
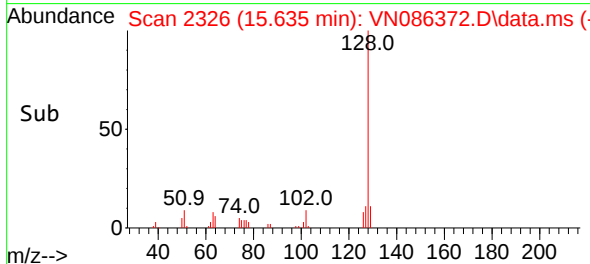
Tgt Ion:128 Resp: 33080
Ion Ratio Lower Upper
128 100
127 12.1 10.6 15.8
129 9.9 8.7 13.1

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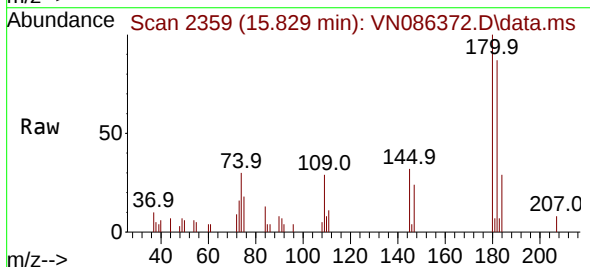
Reviewed By :John
Carlone

04/24/2025
Supervised By :Mahesh
Dadoda

04/25/2025



#92
1,2,3-Trichlorobenzene
Concen: 4.392 ug/l
RT: 15.829 min Scan# 2359
Delta R.T. -0.006 min
Lab File: VN086372.D
Acq: 23 Apr 2025 09:22



Tgt Ion:180 Resp: 9424
Ion Ratio Lower Upper
180 100
182 95.9 0.0 187.0
145 33.2 0.0 67.2

