

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062525\
 Data File : VN087162.D
 Acq On : 25 Jun 2025 08:59
 Operator : JC\MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

06/25/2025
 Supervised By :Mahesh
 Dadoda

Quant Time: Jun 25 10:38:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jun 25 10:38:24 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.824	128	35930	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	205072	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	186292	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	86000	34.837	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	116.133%#
60) 4-Bromofluorobenzene	12.847	95	81752	27.951	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	93.167%
63) Toluene-d8	10.565	98	258286	30.207	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.700%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.154	85	11802	4.836	ug/l	96
3) Chloromethane	2.401	50	12062	3.834	ug/l	94
4) Vinyl Chloride	2.554	62	12853	4.439	ug/l	96
5) Bromomethane	2.995	94	7218	4.705	ug/l	91
6) Chloroethane	3.153	64	6828	3.856	ug/l #	84
7) Trichlorofluoromethane	3.524	101	15836	4.670	ug/l	96
8) Diethyl Ether	3.983	74	7465	5.277	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.395	101	11626	5.594	ug/l	97
10) 1,1-Dichloroethene	4.365	96	11558	5.455	ug/l	97
11) Methyl Iodide	4.618	142	6687	2.677	ug/l	96
12) Methyl Acetate	5.047	43	16869	7.169	ug/l	100
13) Acrolein	4.200	56	11876	48.853	ug/l	97
14) Acrylonitrile	5.742	53	39359	35.942	ug/l	98
15) Acetone	4.459	58	12676	45.718	ug/l	78
16) Carbon Disulfide	4.742	76	36612	5.919	ug/l	98
17) Allyl chloride	5.047	41	18516	5.882	ug/l	91
18) Methylene Chloride	5.295	84	14009	5.693	ug/l	95
19) trans-1,2-Dichloroethene	5.806	96	13122	5.918	ug/l	93
20) Diisopropyl ether	6.683	45	37574	5.420	ug/l	95
21) 1,1-Dichloroethane	6.583	63	25040	5.985	ug/l	99
22) cis-1,2-Dichloroethene	7.500	96	13914	5.181	ug/l	96
23) tert-Butyl Alcohol	5.542	59	14840m	42.200	ug/l	
24) Methyl tert-Butyl Ether	5.812	73	38602	5.528	ug/l	98
25) Chloroform	7.977	83	23358	5.704	ug/l	99
26) Cyclohexane	8.259	56	18712	5.167	ug/l #	97
29) 1,1-Dichloropropene	8.377	75	16196	5.372	ug/l	99
30) 2-Butanone	7.494	43	49880	37.757	ug/l	100
31) 2,2-Dichloropropane	7.500	77	19968	5.610	ug/l	96
32) 1,1,1-Trichloroethane	8.183	97	19246	5.506	ug/l	97
33) Carbon Tetrachloride	8.365	117	16865m	5.645	ug/l	
34) Benzene	8.612	78	53867	5.491	ug/l #	91
35) Methacrylonitrile	7.794	41	10743m	7.079	ug/l	
36) 1,2-Dichloroethane	8.677	62	17661	6.143	ug/l	99
37) Trichloroethene	9.359	130	12692	4.664	ug/l	85
38) Methylcyclohexane	9.600	83	18613	5.564	ug/l	97
39) 1,2-Dichloropropane	9.624	63	13584	5.751	ug/l	94
40) Dibromomethane	9.712	93	9171	5.937	ug/l	96
41) Bromodichloromethane	9.888	83	18357	5.677	ug/l	99
42) Vinyl Acetate	6.618	43	172005	44.667	ug/l	100

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 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
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 Carlone

06/25/2025
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Quant Time: Jun 25 10:38:44 2025
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jun 25 10:38:24 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.571	43	15251m	5.642	ug/l	
44) Isopropyl Acetate	8.694	43	32041	6.909	ug/l	98
45) 1,4-Dioxane	9.706	88	3765	91.346	ug/l	85
46) Methyl methacrylate	9.682	41	14340	6.706	ug/l	88
47) n-amyl Acetate	12.712	43	18265m	4.906	ug/l	
48) t-1,3-Dichloropropene	10.841	75	18916	5.467	ug/l	100
49) cis-1,3-Dichloropropene	10.312	75	21045	5.529	ug/l	92
50) 1,1,2-Trichloroethane	11.024	97	13266	6.097	ug/l	90
51) Ethyl methacrylate	10.888	69	14365m	4.077	ug/l	
52) 1,3-Dichloropropane	11.165	76	21815	5.650	ug/l	100
53) Dibromochloromethane	11.359	129	12745	5.184	ug/l	98
54) 1,2-Dibromoethane	11.471	107	13009	5.849	ug/l	99
55) 2-Chloroethyl vinyl ether	10.159	63	50795	30.031	ug/l	99
56) Bromoform	12.576	173	8824	5.696	ug/l #	93
58) 4-Methyl-2-Pentanone	10.447	43	86443	31.623	ug/l	99
59) 2-Hexanone	11.224	43	47317m	24.166	ug/l	
61) Tetrachloroethene	11.100	164	10375	3.313	ug/l	91
62) Toluene	10.629	91	57093	5.442	ug/l	99
64) Chlorobenzene	11.894	112	35274	5.272	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.959	131	11689	5.318	ug/l	98
66) Ethyl Benzene	11.965	91	57341	5.053	ug/l	97
67) m/p-Xylenes	12.071	106	43110	9.681	ug/l	97
68) o-Xylene	12.394	106	20187	4.677	ug/l	97
69) Styrene	12.412	104	33711	4.688	ug/l	99
70) Isopropylbenzene	12.694	105	50380	4.908	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.935	83	19389	7.945	ug/l	98
72) 1,2,3-Trichloropropane	12.994	75	18949m	6.625	ug/l	
73) Bromobenzene	12.982	156	12917	5.063	ug/l	91
74) n-propylbenzene	13.035	91	59601	4.902	ug/l	100
75) 2-Chlorotoluene	13.123	91	38061	4.877	ug/l	100
76) 1,3,5-Trimethylbenzene	13.170	105	39593	4.636	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	6495	5.549	ug/l	95
78) 4-Chlorotoluene	13.223	91	37874	4.899	ug/l	99
79) tert-butylbenzene	13.435	119	31816	4.309	ug/l	99
80) 1,2,4-Trimethylbenzene	13.476	105	38448	4.486	ug/l	98
81) sec-Butylbenzene	13.612	105	48920	4.864	ug/l	99
82) p-Isopropyltoluene	13.723	119	37999	4.499	ug/l	97
83) 1,3-Dichlorobenzene	13.729	146	24271	5.185	ug/l	100
84) 1,4-Dichlorobenzene	13.812	146	24573	5.276	ug/l	99
85) n-Butylbenzene	14.053	91	34704	4.908	ug/l	98
86) Hexachloroethane	14.329	117	8365	5.811	ug/l	99
87) 1,2-Dichlorobenzene	14.106	146	22335	4.947	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.717	75	4038	7.857	ug/l	98
89) 1,2,4-Trichlorobenzene	15.841	180	12402	6.563	ug/l	99
90) Hexachlorobutadiene	15.494	225	3815	4.711	ug/l	97
91) Naphthalene	15.635	128	44237	6.710	ug/l	98
92) 1,2,3-Trichlorobenzene	15.841	180	12402	6.563	ug/l	99

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

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 Data File : VN087162.D
 Acq On : 25 Jun 2025 08:59
 Operator : JC\MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

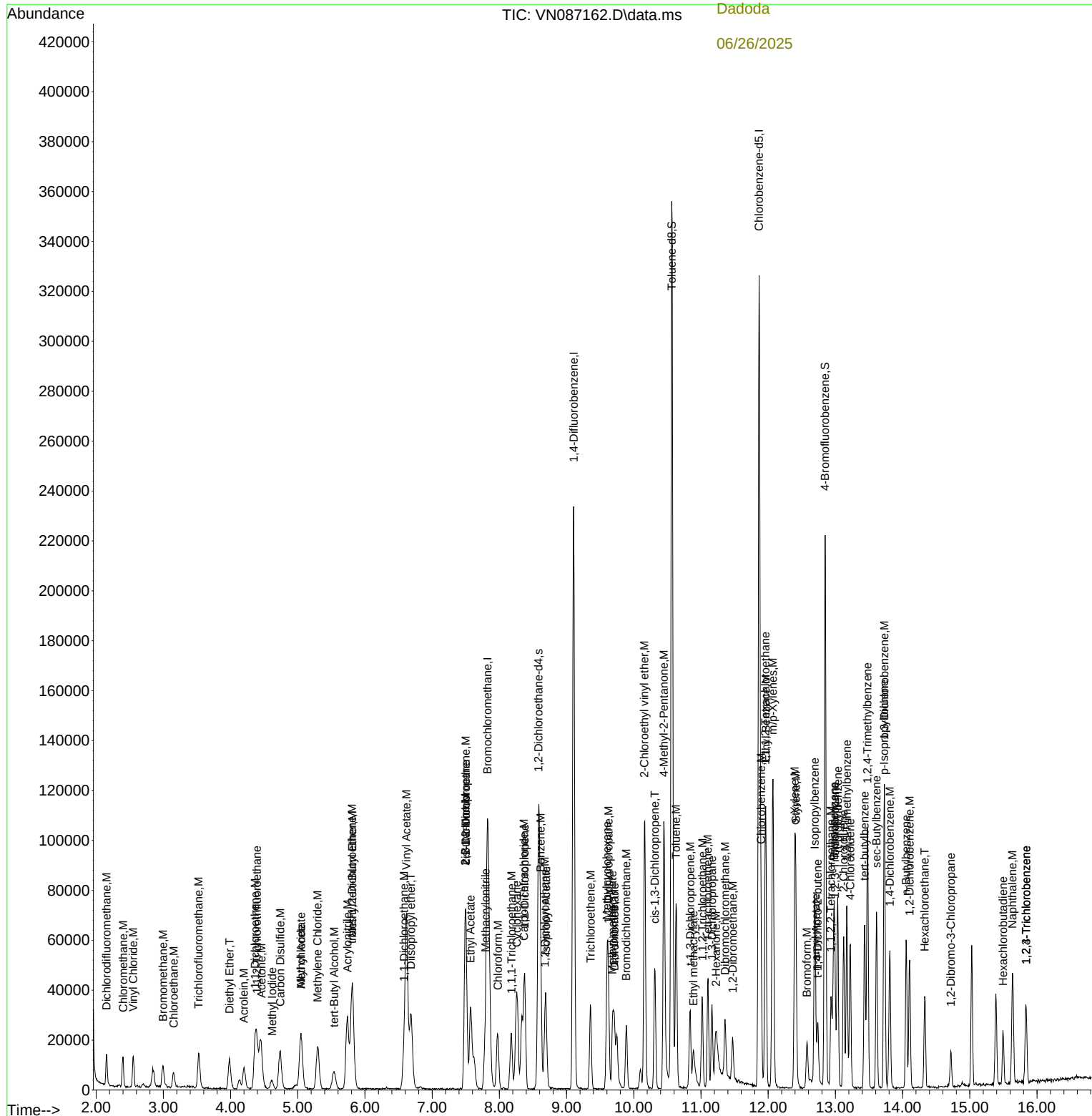
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 MSVOA_N
 ClientSampleId :
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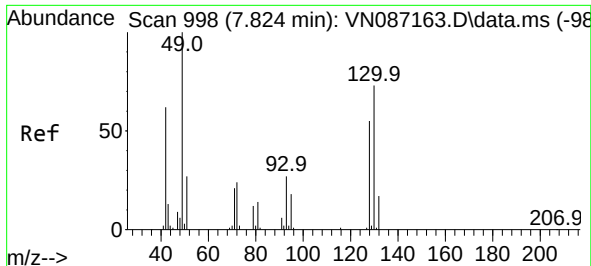
Manual Integrations APPROVED

Reviewed By :John
 Carlone

06/25/2025
 Supervised By :Mahesh
 Dadoda

06/26/2025





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

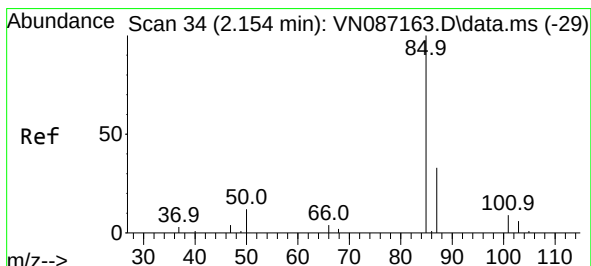
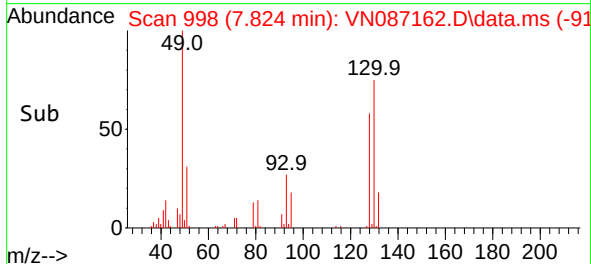
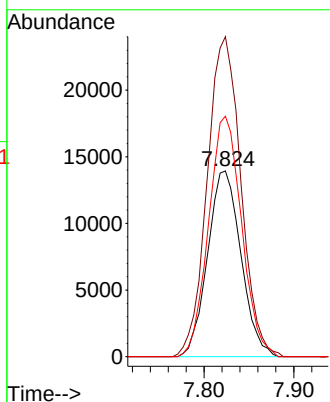
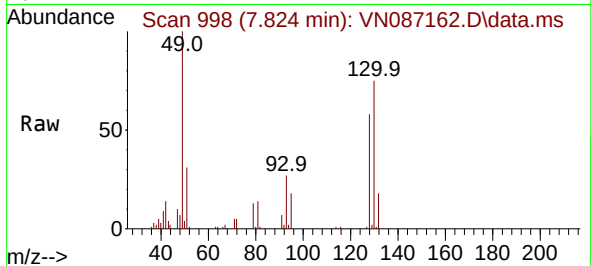
Tgt Ion:128 Resp: 35930
Ion Ratio Lower Upper
128 100
49 173.9 0.0 450.5
130 128.3 0.0 320.7

Manual Integrations
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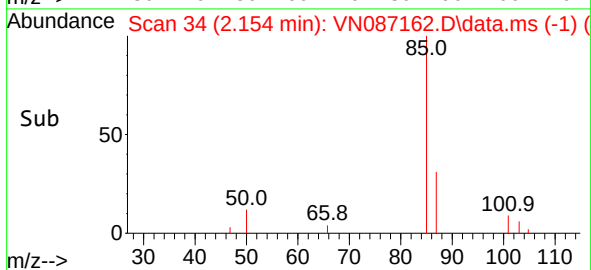
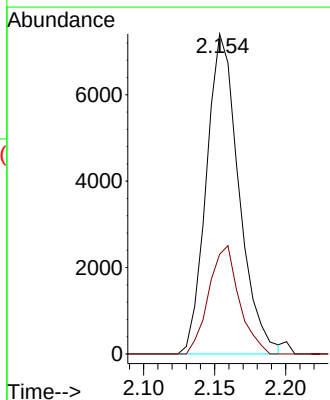
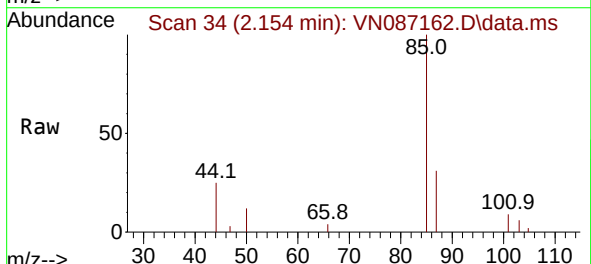
06/25/2025
Supervised By :Mahesh
Dadoda

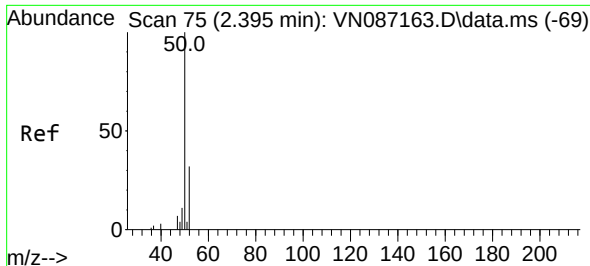
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#2
Dichlorodifluoromethane
Concen: 4.836 ug/l
RT: 2.154 min Scan# 34
Delta R.T. 0.000 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

Tgt Ion: 85 Resp: 11802
Ion Ratio Lower Upper
85 100
87 31.2 16.7 50.0





#3
Chloromethane
Concen: 3.834 ug/l
RT: 2.401 min Scan# 75
Delta R.T. 0.006 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

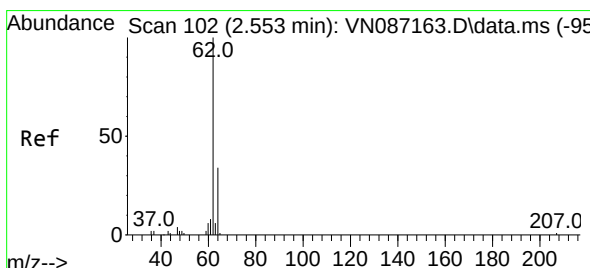
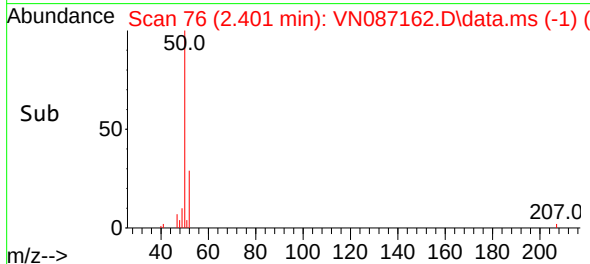
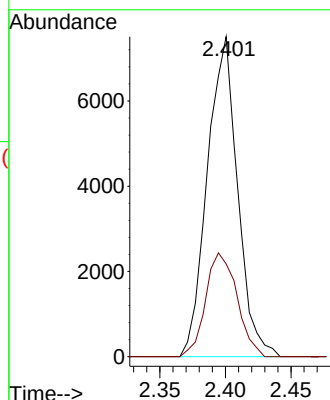
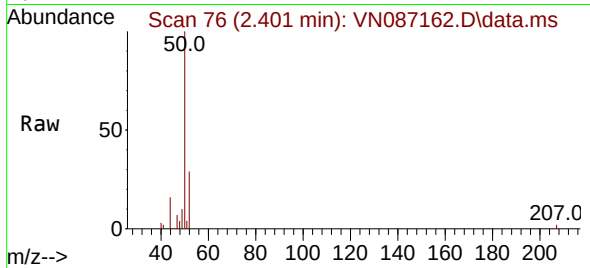
Tgt Ion: 50 Resp: 12062
Ion Ratio Lower Upper
50 100
52 29.0 25.9 38.9

Manual Integrations
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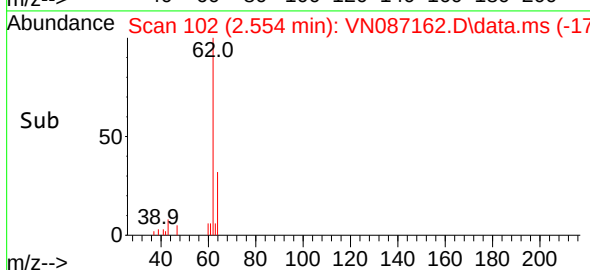
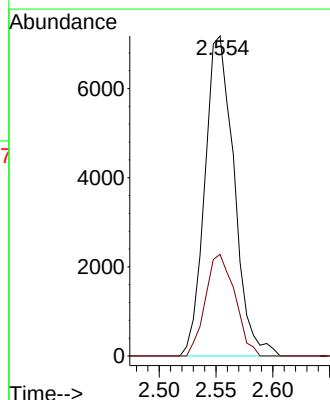
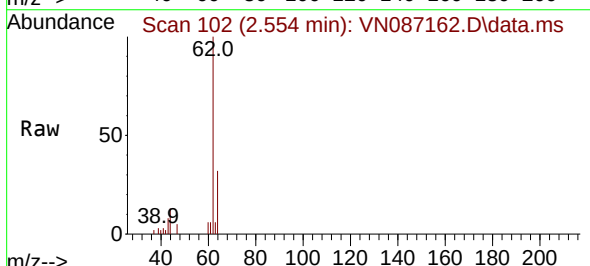
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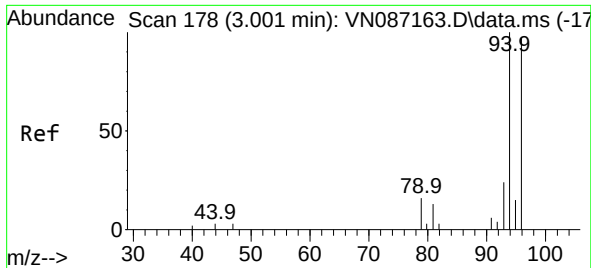
06/26/2025



#4
Vinyl Chloride
Concen: 4.439 ug/l
RT: 2.554 min Scan# 102
Delta R.T. 0.000 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

Tgt Ion: 62 Resp: 12853
Ion Ratio Lower Upper
62 100
64 31.8 27.4 41.2





#5
Bromomethane
Concen: 4.705 ug/l
RT: 2.995 min Scan# 178
Delta R.T. -0.006 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

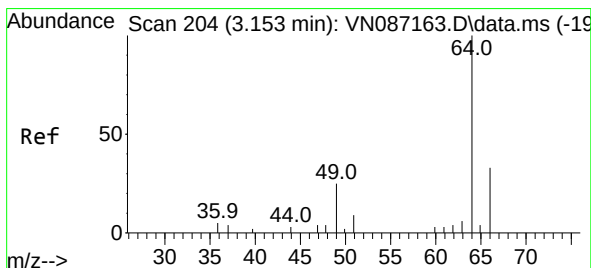
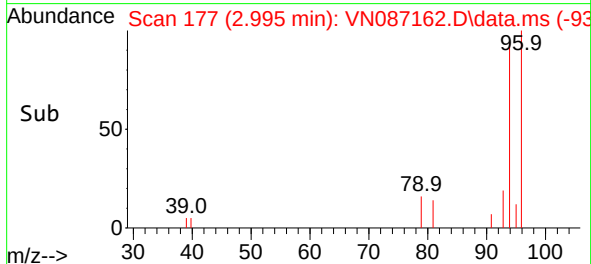
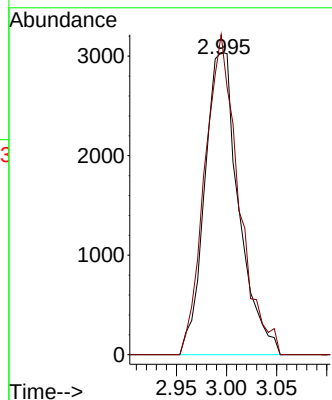
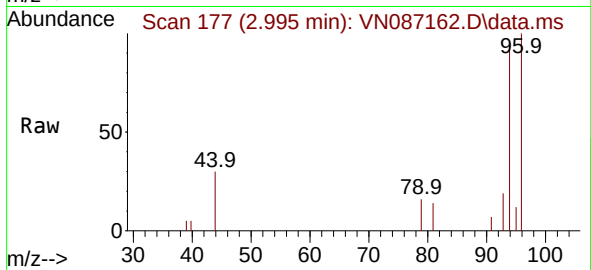
Tgt Ion: 94 Resp: 7218
Ion Ratio Lower Upper
94 100
96 105.9 77.9 116.9

Manual Integrations
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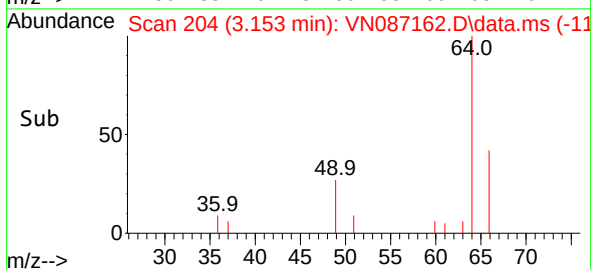
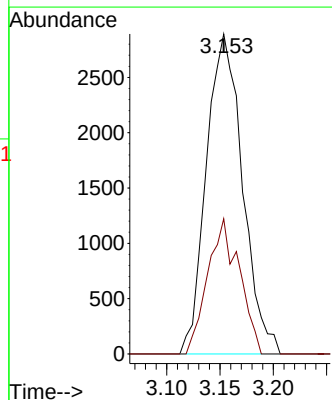
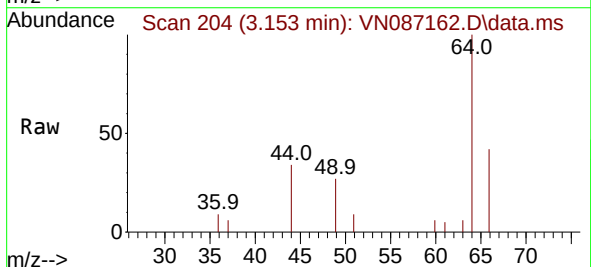
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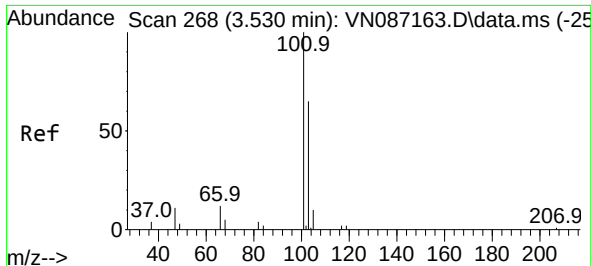
06/26/2025



#6
Chloroethane
Concen: 3.856 ug/l
RT: 3.153 min Scan# 204
Delta R.T. 0.000 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

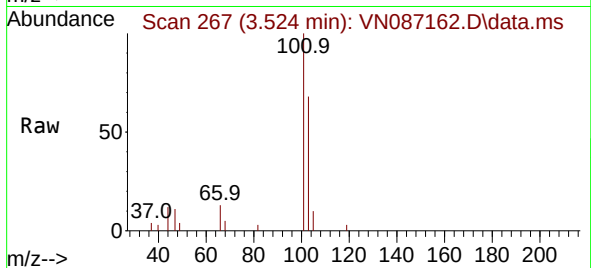
Tgt Ion: 64 Resp: 6828
Ion Ratio Lower Upper
64 100
66 42.2 26.4 39.6#





#7
 Trichlorofluoromethane
 Concen: 4.670 ug/l
 RT: 3.524 min Scan# 267
 Delta R.T. -0.006 min
 Lab File: VN087162.D
 Acq: 25 Jun 2025 08:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



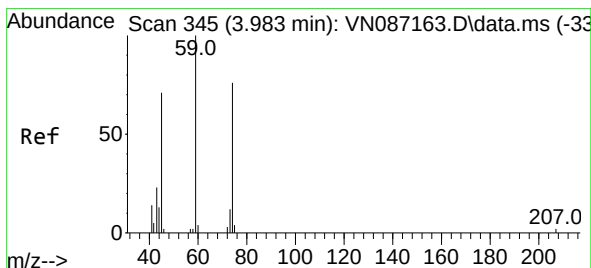
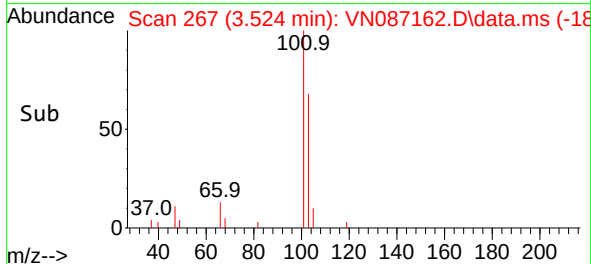
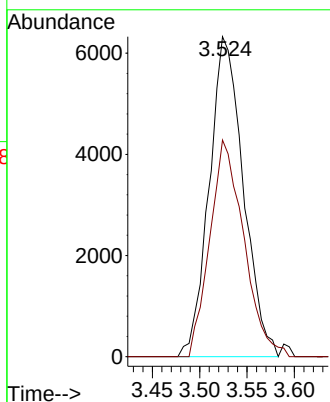
Tgt Ion:101 Resp: 1583
 Ion Ratio Lower Upper
 101 100
 103 67.7 51.8 77.8

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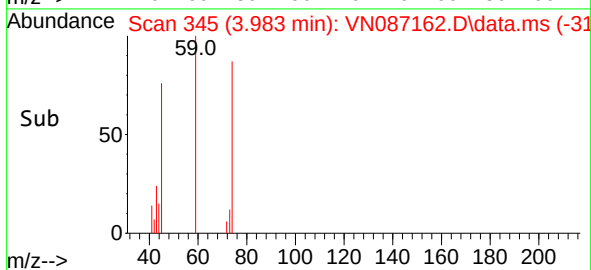
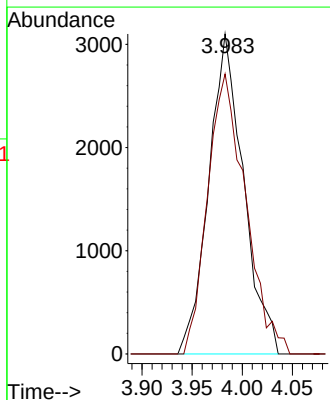
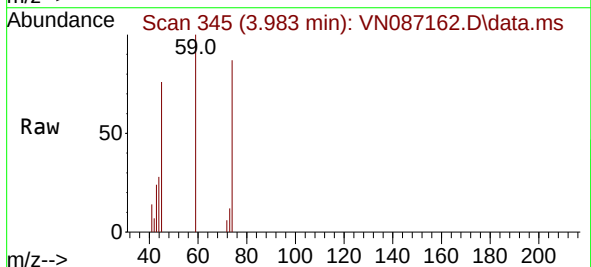
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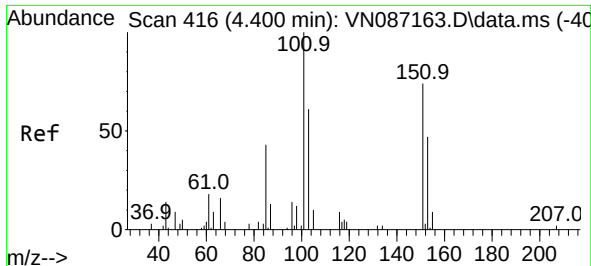
06/26/2025



#8
 Diethyl Ether
 Concen: 5.277 ug/l
 RT: 3.983 min Scan# 345
 Delta R.T. 0.000 min
 Lab File: VN087162.D
 Acq: 25 Jun 2025 08:59

Tgt Ion: 74 Resp: 7465
 Ion Ratio Lower Upper
 74 100
 45 95.7 19.0 171.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.594 ug/l
RT: 4.395 min Scan# 416
Delta R.T. -0.006 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

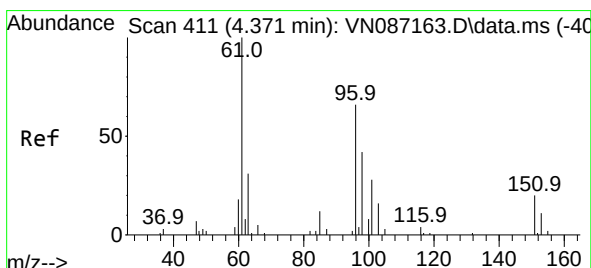
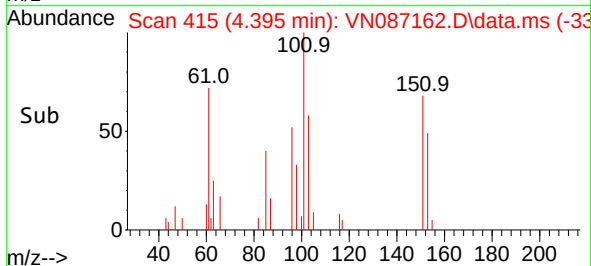
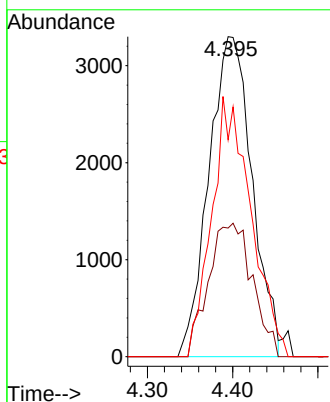
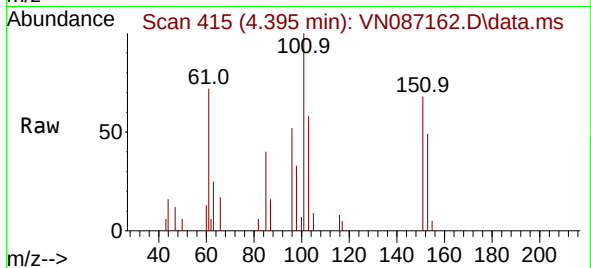
Tgt Ion:101 Resp: 11620
Ion Ratio Lower Upper
101 100
85 21.0 0.0 40.6
151 73.8 0.0 141.2

Manual Integrations
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Carlone

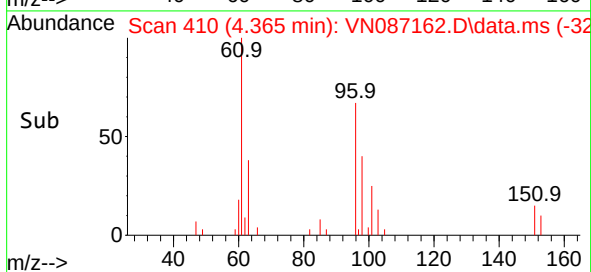
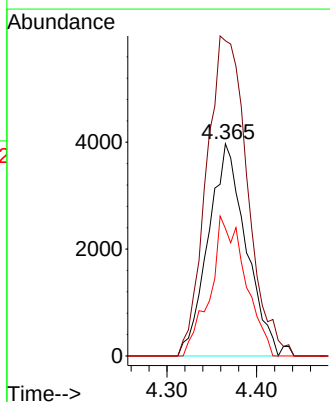
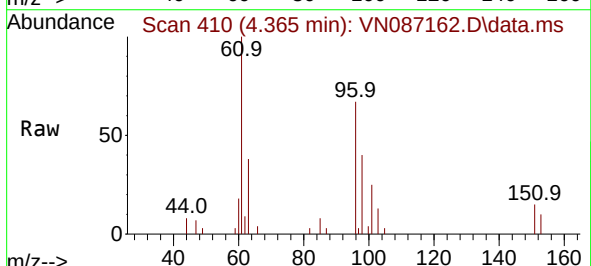
06/25/2025
Supervised By :Mahesh
Dadoda

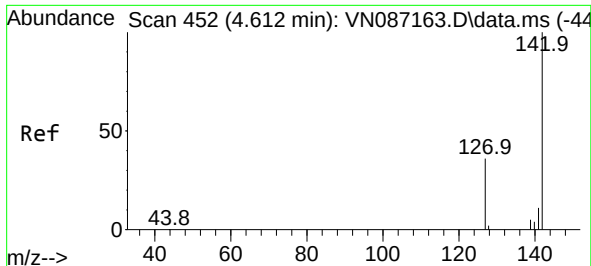
06/26/2025



#10
1,1-Dichloroethene
Concen: 5.455 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.006 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

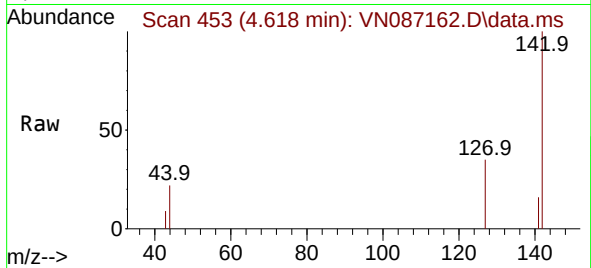
Tgt Ion: 96 Resp: 11558
Ion Ratio Lower Upper
96 100
61 148.6 122.0 183.0
98 60.1 50.3 75.5





#11
Methyl Iodide
Concen: 2.677 ug/l
RT: 4.618 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



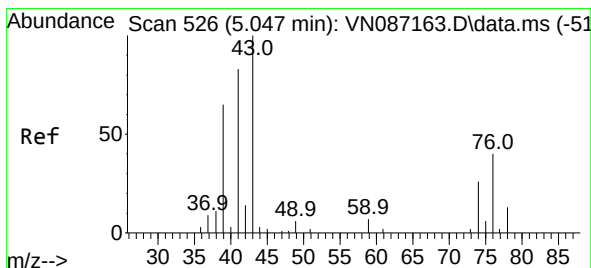
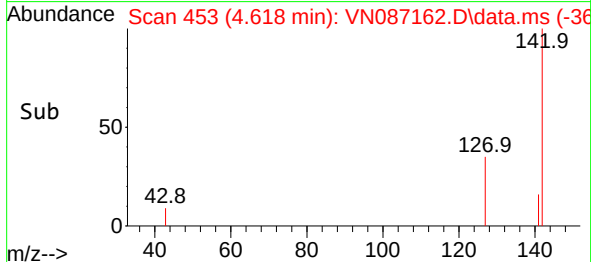
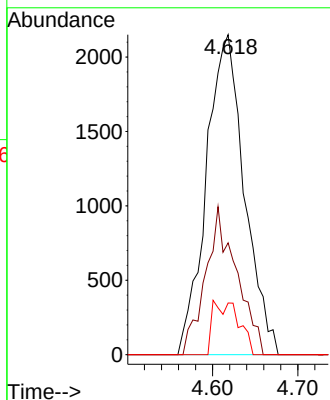
Tgt Ion:142 Resp: 668
Ion Ratio Lower Upper
142 100
127 35.0 18.1 54.1
141 16.1 5.7 17.1

Manual Integrations
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Reviewed By :John
Carlone

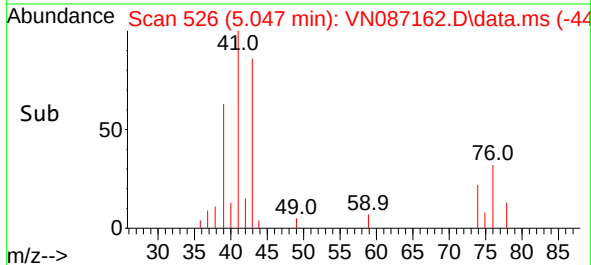
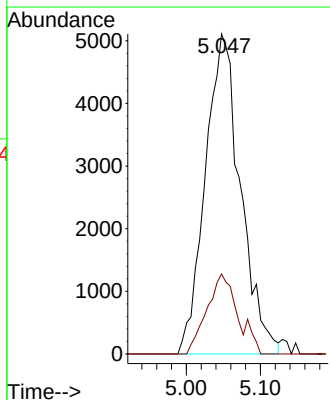
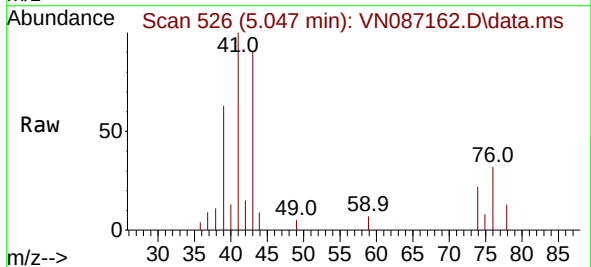
06/25/2025
Supervised By :Mahesh
Dadoda

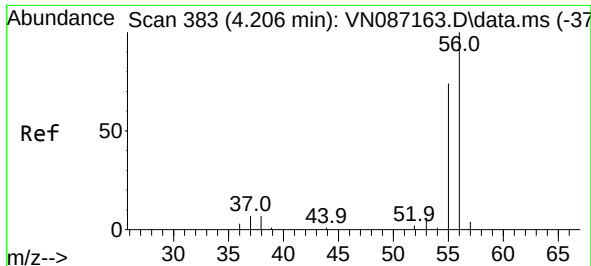
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#12
Methyl Acetate
Concen: 7.169 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.000 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

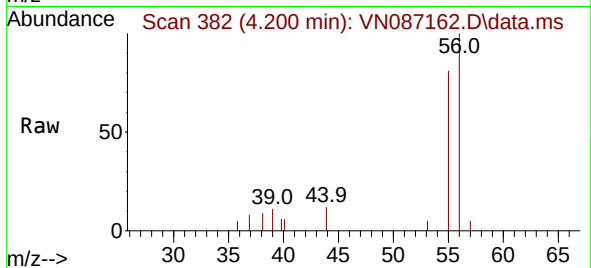
Tgt Ion: 43 Resp: 16869
Ion Ratio Lower Upper
43 100
74 25.5 20.3 30.5





#13
Acrolein
Concen: 48.853 ug/l
RT: 4.200 min Scan# 383
Delta R.T. -0.006 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



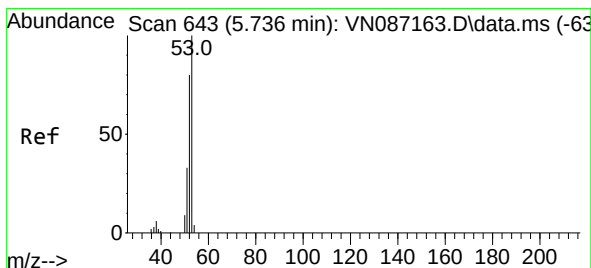
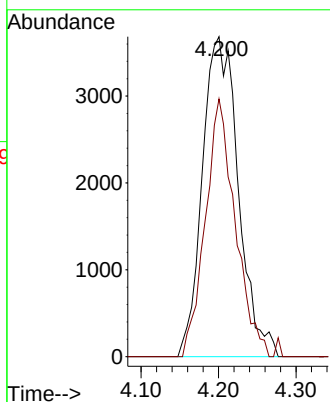
Tgt Ion: 56 Resp: 11870
Ion Ratio Lower Upper
56 100
55 67.1 55.7 83.5

Manual Integrations
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Reviewed By :John
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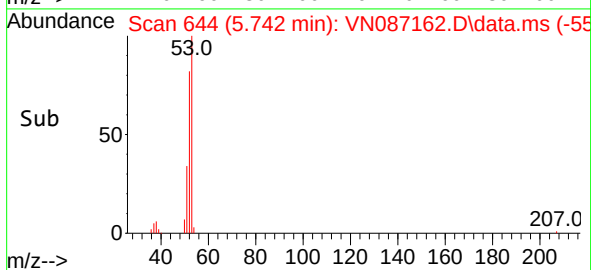
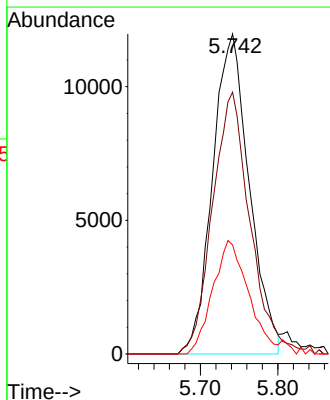
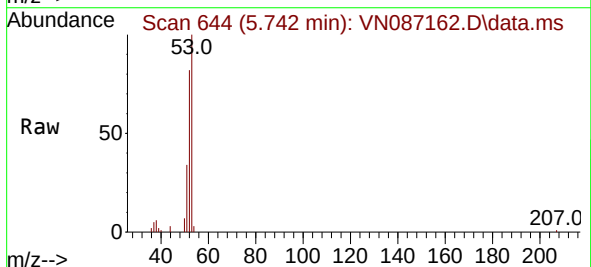
06/25/2025
Supervised By :Mahesh
Dadoda

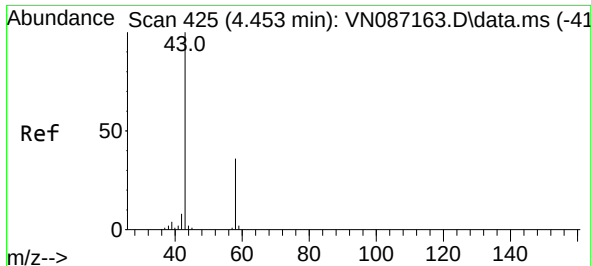
06/26/2025



#14
Acrylonitrile
Concen: 35.942 ug/l
RT: 5.742 min Scan# 644
Delta R.T. 0.006 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

Tgt Ion: 53 Resp: 39359
Ion Ratio Lower Upper
53 100
52 83.5 40.5 121.5
51 34.6 16.9 50.7





#15

Acetone

Concen: 45.718 ug/l

RT: 4.459 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN087162.D

Acq: 25 Jun 2025 08:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 58 Resp: 12670

Ion Ratio Lower Upper

58 100

43 239.4 224.3 336.5

Manual Integrations

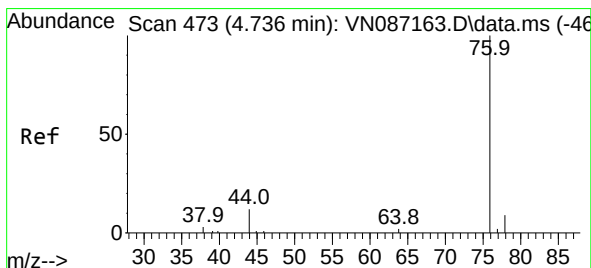
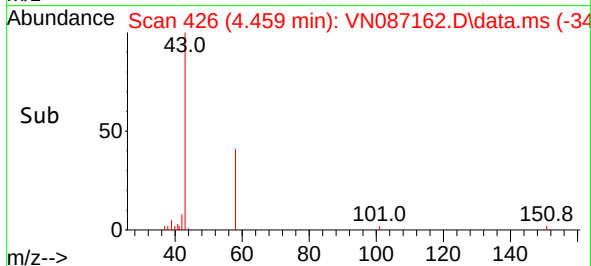
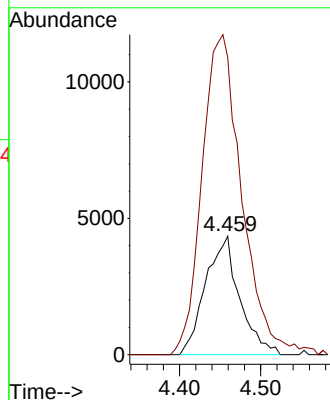
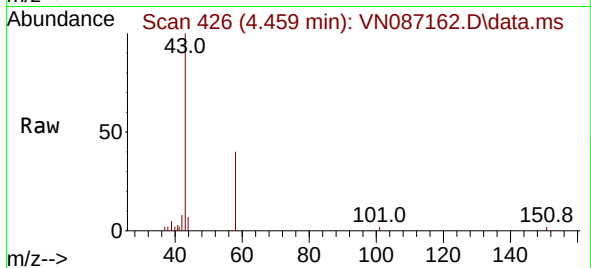
APPROVED

Reviewed By :John
Carlone

06/25/2025

Supervised By :Mahesh
Dadoda

06/26/2025



#16

Carbon Disulfide

Concen: 5.919 ug/l

RT: 4.742 min Scan# 474

Delta R.T. 0.006 min

Lab File: VN087162.D

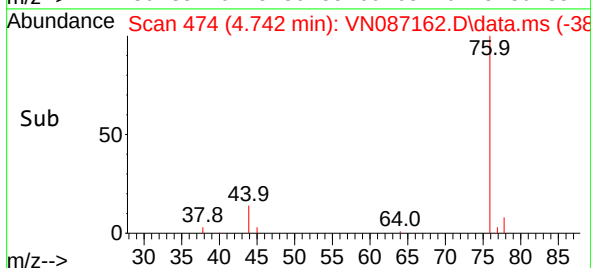
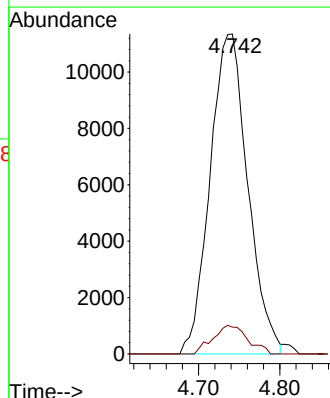
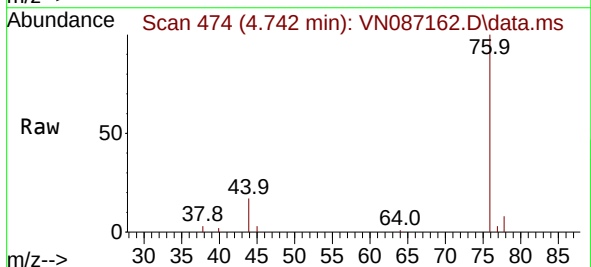
Acq: 25 Jun 2025 08:59

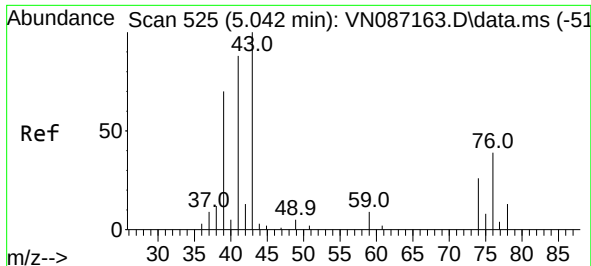
Tgt Ion: 76 Resp: 36612

Ion Ratio Lower Upper

76 100

78 8.4 7.2 10.8





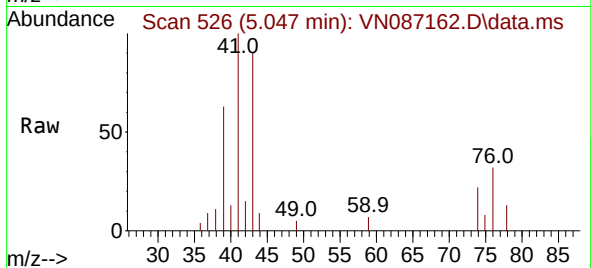
#17
 Allyl chloride
 Concen: 5.882 ug/l
 RT: 5.047 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN087162.D
 Acq: 25 Jun 2025 08:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005



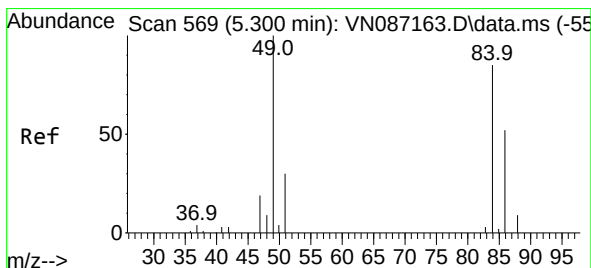
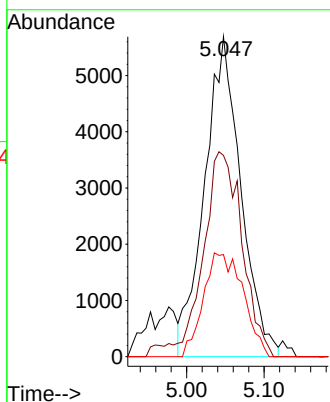
Tgt Ion: 41 Resp: 18510
 Ion Ratio Lower Upper
 41 100
 39 64.8 36.0 108.0
 76 32.8 19.5 58.5

Manual Integrations
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Reviewed By :John
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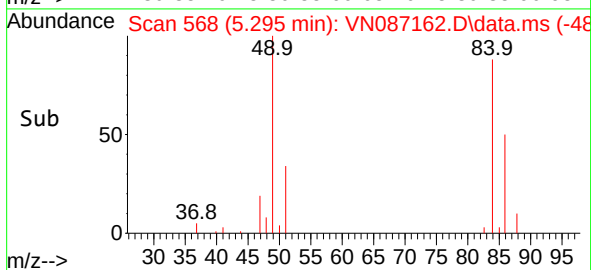
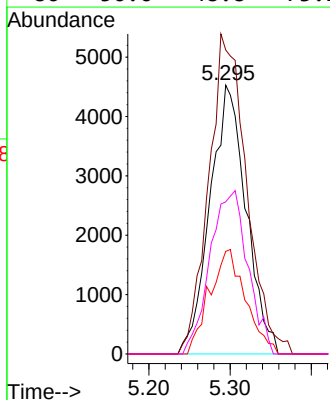
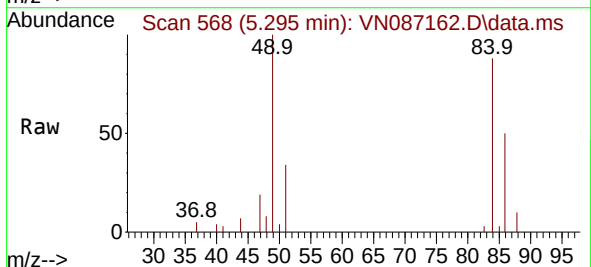
06/25/2025
 Supervised By :Mahesh
 Dadoda

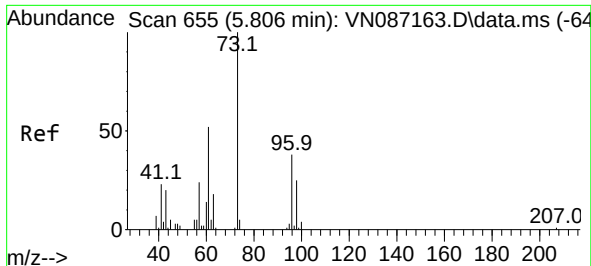
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#18
 Methylene Chloride
 Concen: 5.693 ug/l
 RT: 5.295 min Scan# 568
 Delta R.T. -0.006 min
 Lab File: VN087162.D
 Acq: 25 Jun 2025 08:59

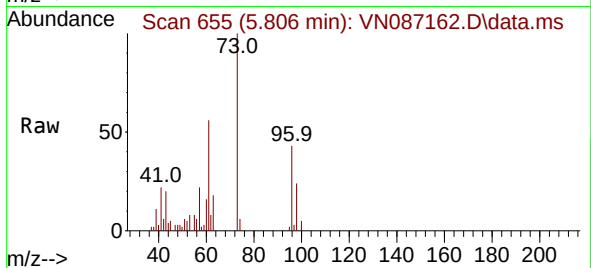
Tgt Ion: 84 Resp: 14009
 Ion Ratio Lower Upper
 84 100
 49 113.1 94.0 141.0
 51 38.1 28.3 42.5
 86 56.6 48.8 73.2





#19
trans-1,2-Dichloroethene
Concen: 5.918 ug/l
RT: 5.806 min Scan# 612
Delta R.T. 0.000 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



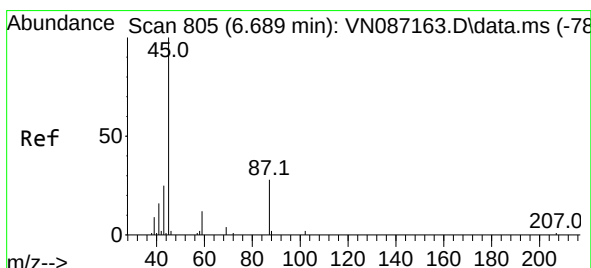
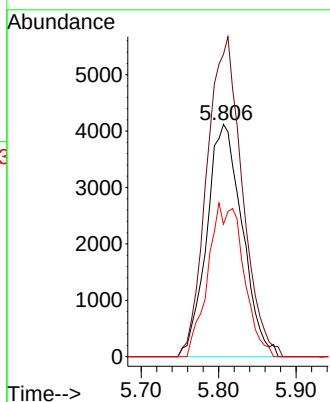
Tgt Ion: 96 Resp: 1312
Ion Ratio Lower Upper
96 100
61 130.2 110.3 165.5
98 57.0 51.6 77.4

Manual Integrations
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Reviewed By :John
Carlone

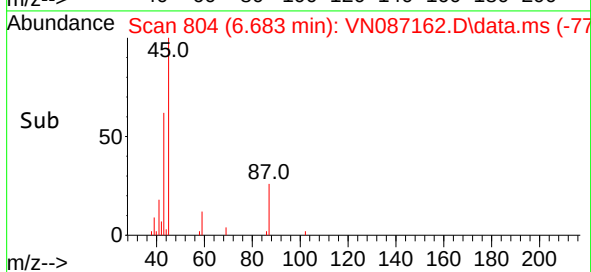
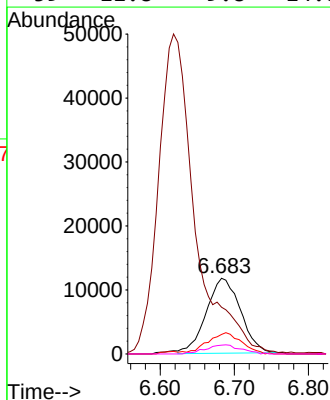
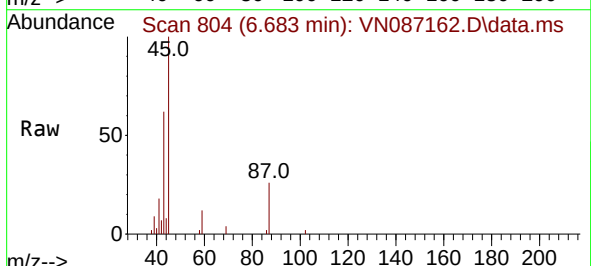
06/25/2025
Supervised By :Mahesh
Dadoda

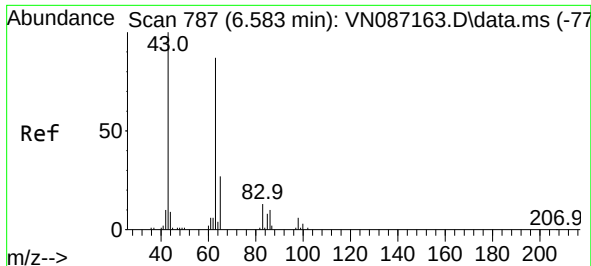
06/26/2025



#20
Diisopropyl ether
Concen: 5.420 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.006 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

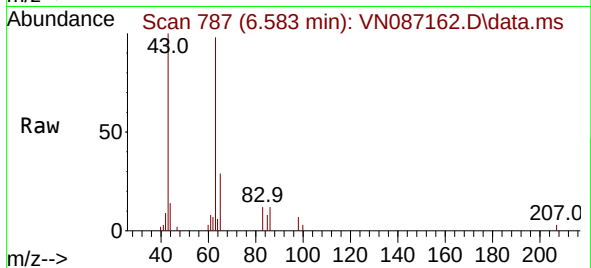
Tgt Ion: 45 Resp: 37574
Ion Ratio Lower Upper
45 100
43 60.9 45.3 67.9
87 26.2 22.6 33.8
59 11.8 9.8 14.8





#21
1,1-Dichloroethane
Concen: 5.985 ug/l
RT: 6.583 min Scan# 787
Delta R.T. 0.000 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



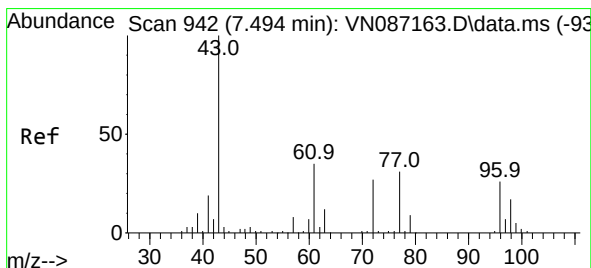
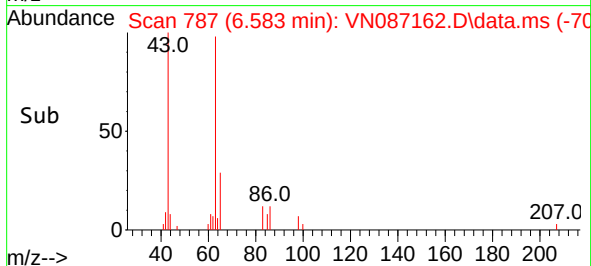
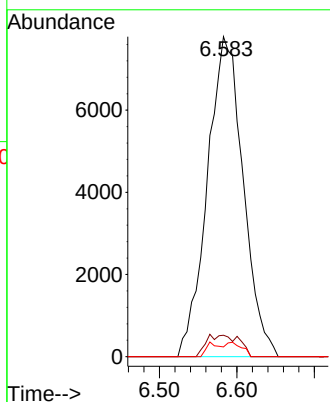
Tgt Ion: 63 Resp: 25040
Ion Ratio Lower Upper
63 100
98 6.7 3.5 10.4
100 3.0 2.0 5.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

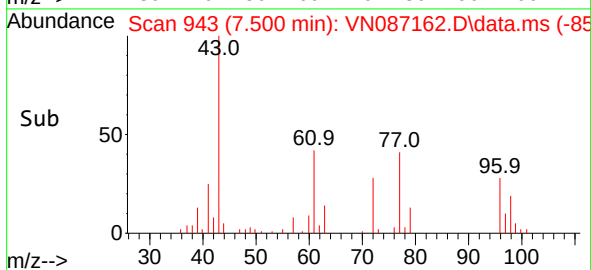
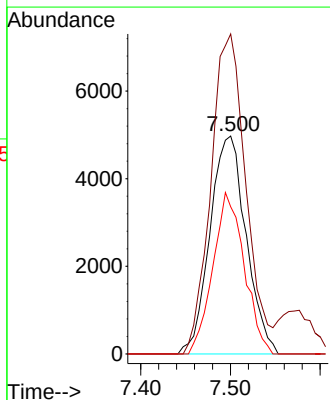
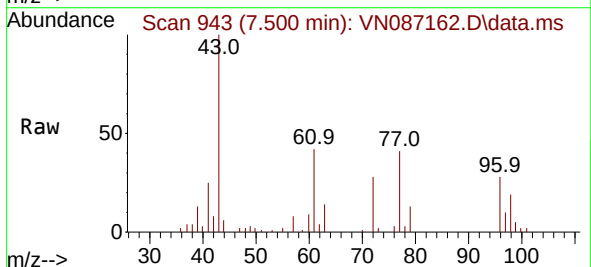
06/25/2025
Supervised By :Mahesh
Dadoda

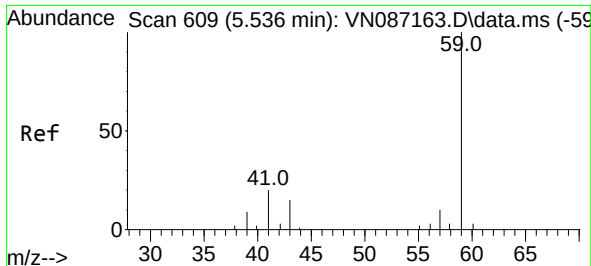
06/26/2025



#22
cis-1,2-Dichloroethene
Concen: 5.181 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

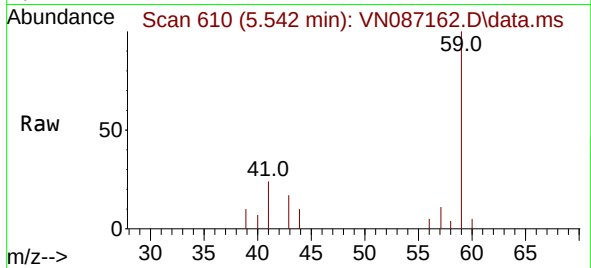
Tgt Ion: 96 Resp: 13914
Ion Ratio Lower Upper
96 100
61 142.4 119.2 178.8
98 64.2 50.6 75.8





#23
tert-Butyl Alcohol
Concen: 42.200 ug/l m
RT: 5.542 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



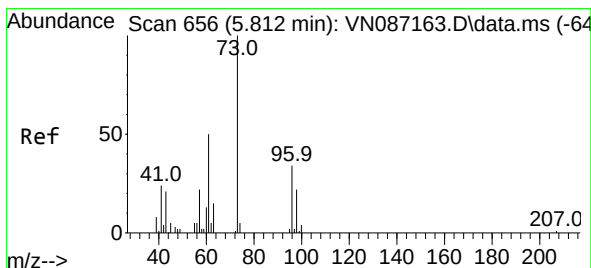
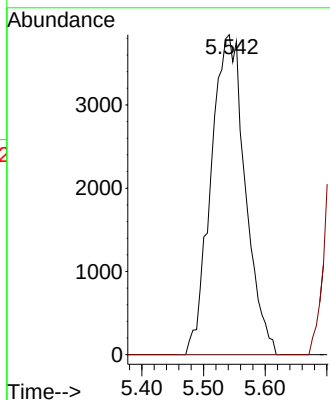
Tgt Ion: 59 Resp: 14840
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations
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Reviewed By :John
Carlone

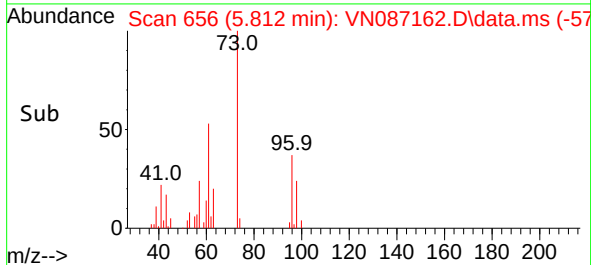
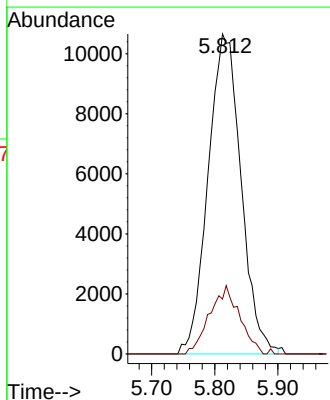
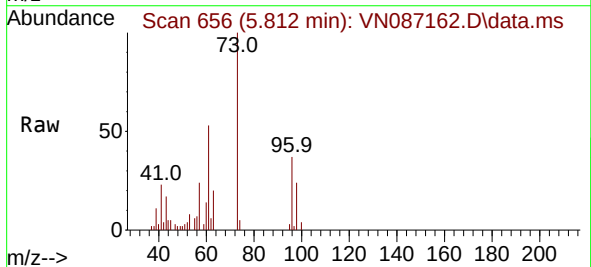
06/25/2025
Supervised By :Mahesh
Dadoda

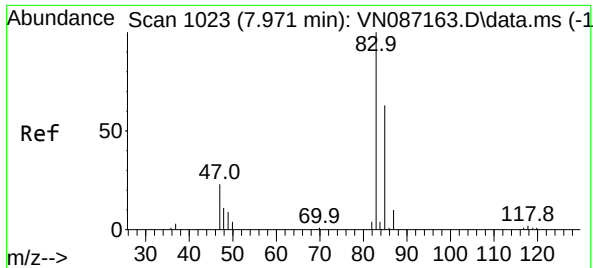
06/26/2025



#24
Methyl tert-Butyl Ether
Concen: 5.528 ug/l
RT: 5.812 min Scan# 656
Delta R.T. 0.000 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

Tgt Ion: 73 Resp: 38602
Ion Ratio Lower Upper
73 100
43 19.4 16.4 24.6





#25
Chloroform
Concen: 5.704 ug/l
RT: 7.977 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

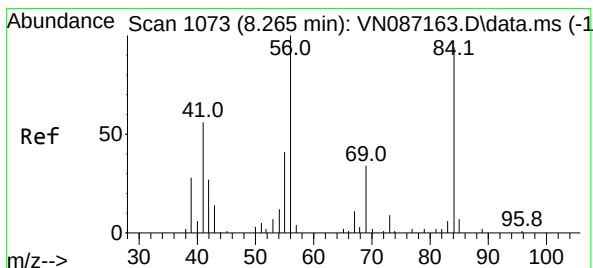
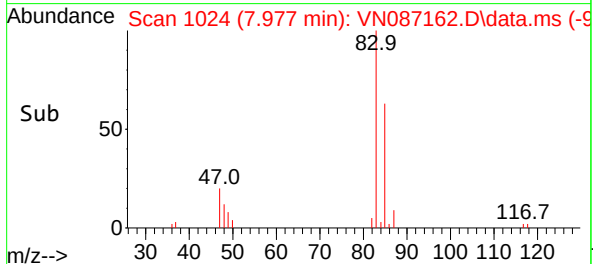
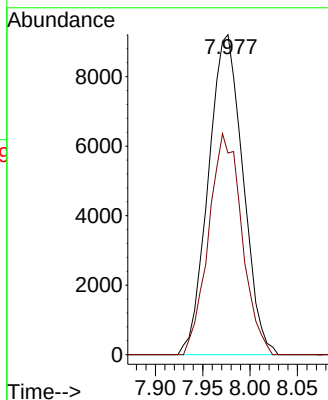
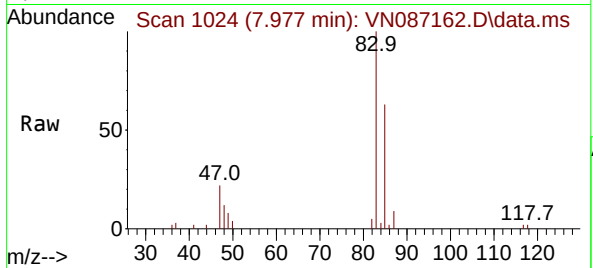
Tgt Ion: 83 Resp: 23358
Ion Ratio Lower Upper
83 100
85 63.0 50.7 76.1

Manual Integrations
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Reviewed By :John
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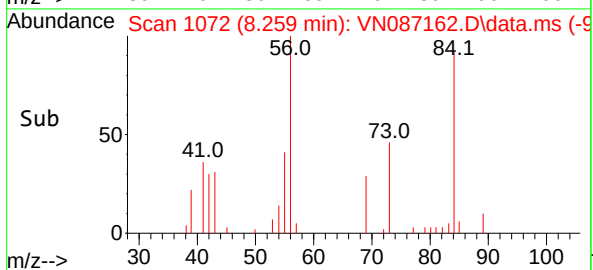
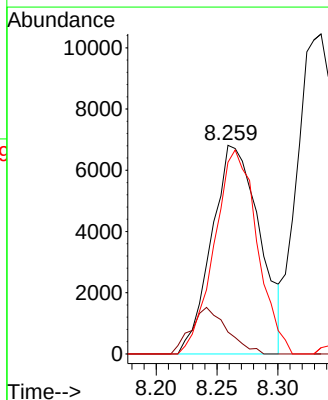
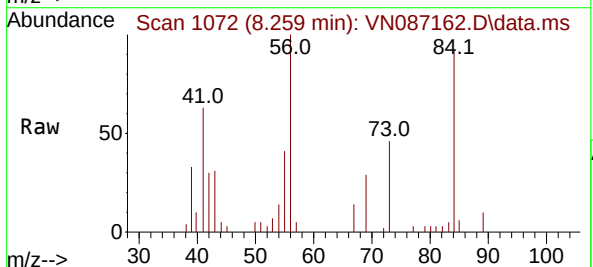
06/25/2025
Supervised By :Mahesh
Dadoda

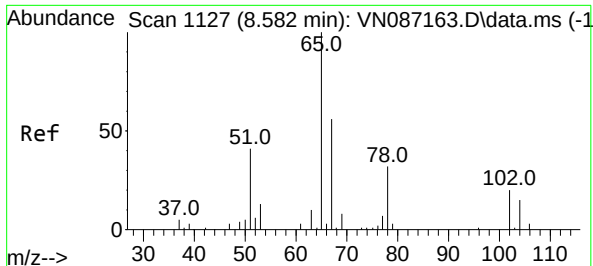
06/26/2025



#26
Cyclohexane
Concen: 5.167 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

Tgt Ion: 56 Resp: 18712
Ion Ratio Lower Upper
56 100
89 16.7 6.9 10.3#
84 87.1 69.1 103.7





#27

1,2-Dichloroethane-d4

Concen: 34.837 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN087162.D

Acq: 25 Jun 2025 08:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 65 Resp: 86000

Ion Ratio Lower Upper

65 100

67 52.4 41.9 62.9

Manual Integrations

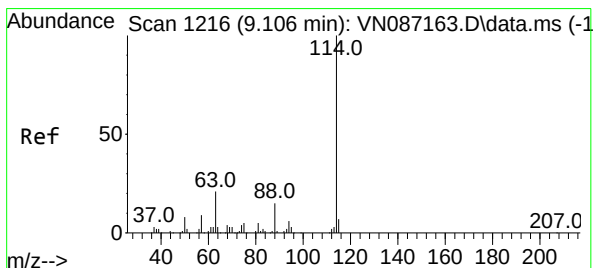
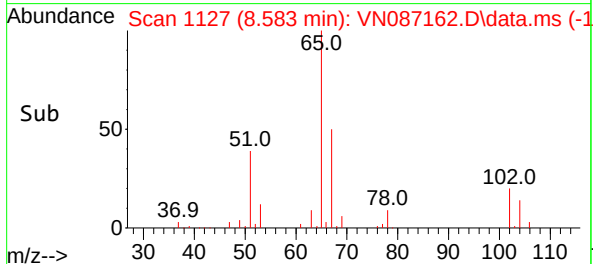
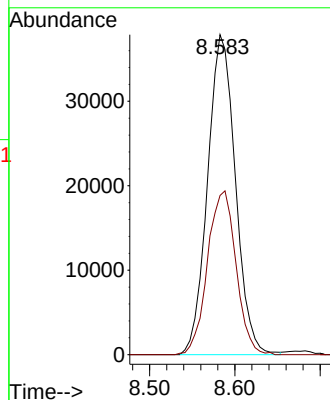
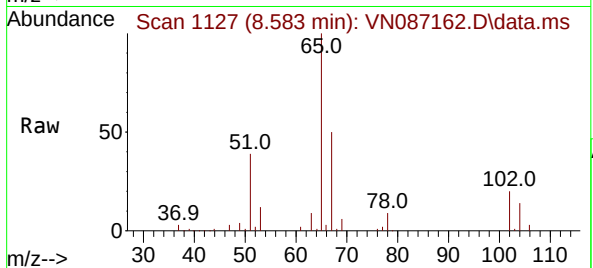
APPROVED

Reviewed By :John
Carlone

06/25/2025

Supervised By :Mahesh
Dadoda

06/26/2025



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN087162.D

Acq: 25 Jun 2025 08:59

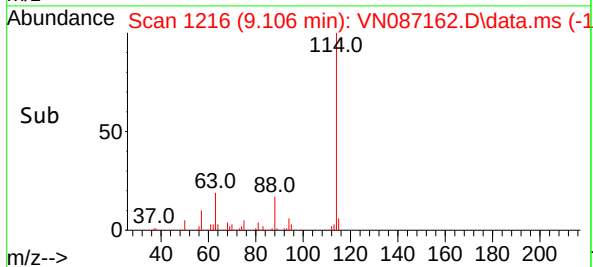
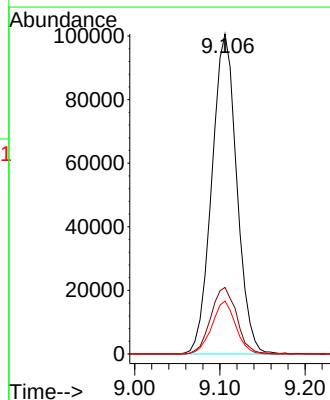
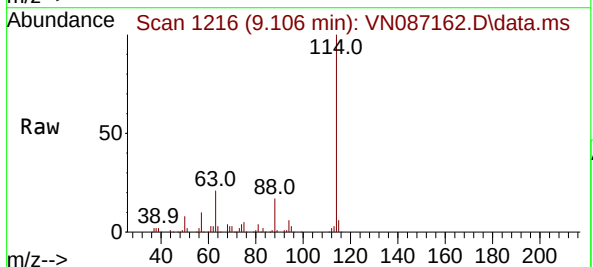
Tgt Ion:114 Resp: 205072

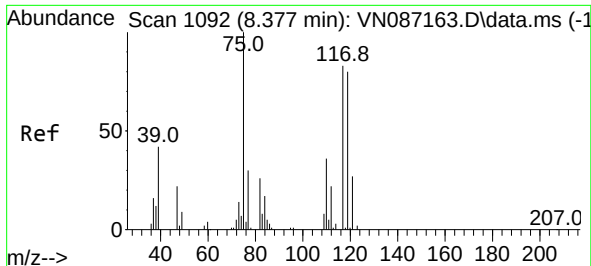
Ion Ratio Lower Upper

114 100

63 21.4 17.0 25.4

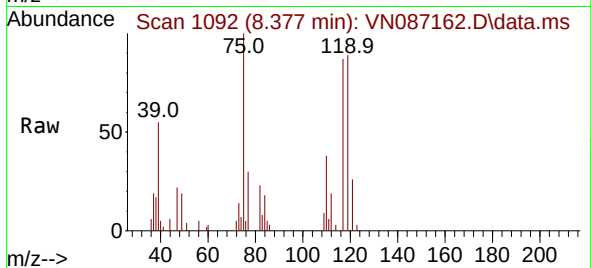
88 15.7 12.6 19.0





#29
1,1-Dichloropropene
Concen: 5.372 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



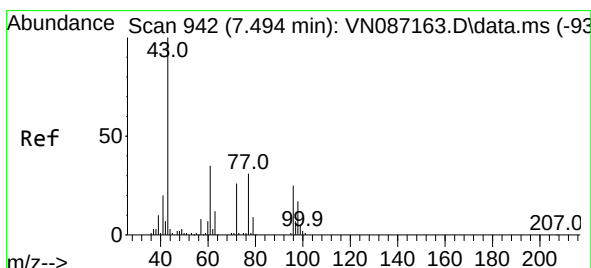
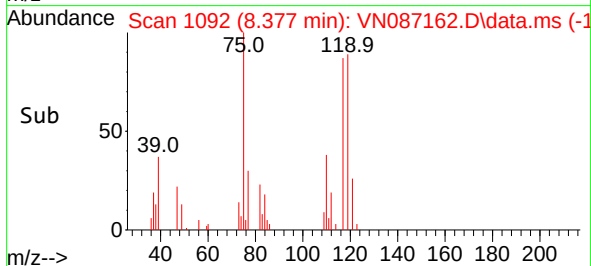
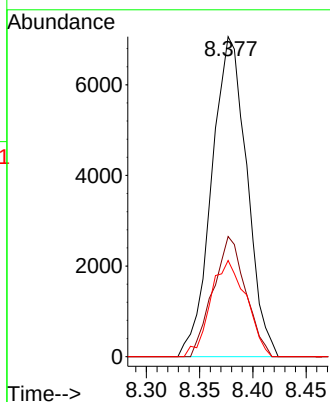
Tgt Ion: 75 Resp: 16190
Ion Ratio Lower Upper
75 100
110 34.9 0.0 69.2
77 30.6 0.0 61.8

Manual Integrations
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Reviewed By :John
Carlone

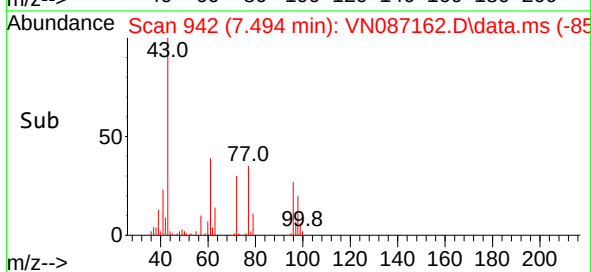
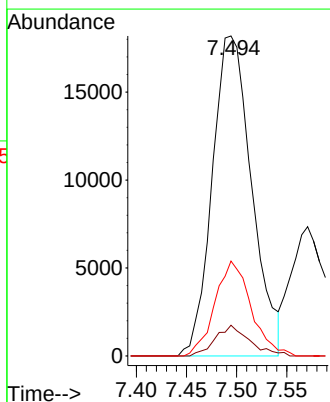
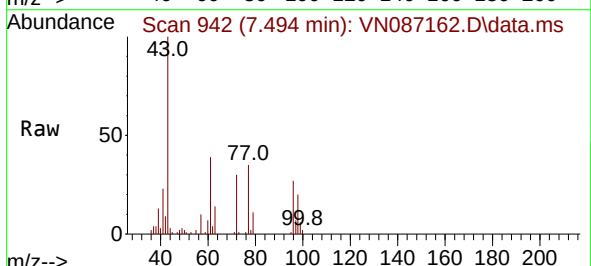
06/25/2025
Supervised By :Mahesh
Dadoda

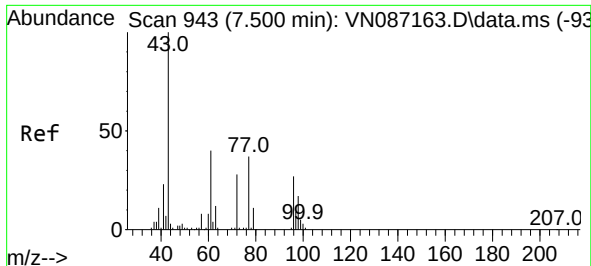
06/26/2025



#30
2-Butanone
Concen: 37.757 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

Tgt Ion: 43 Resp: 49880
Ion Ratio Lower Upper
43 100
57 8.3 6.3 9.5
72 27.1 21.8 32.6





#31
2,2-Dichloropropane
Concen: 5.610 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

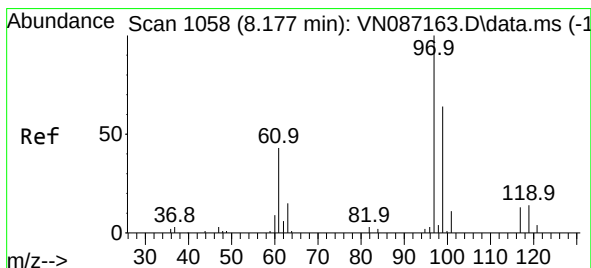
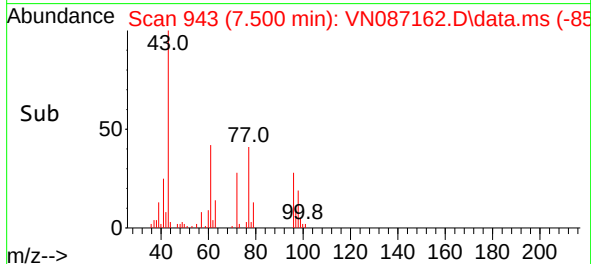
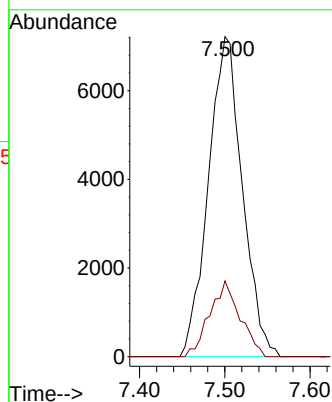
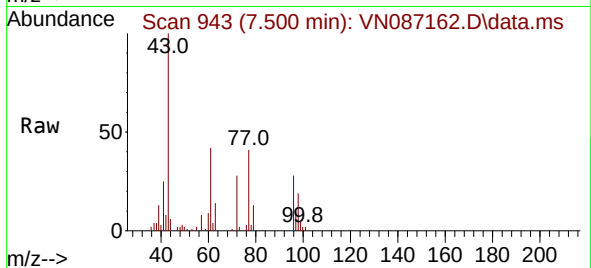
Tgt Ion: 77 Resp: 1996
Ion Ratio Lower Upper
77 100
97 21.1 18.4 27.6

Manual Integrations
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Reviewed By :John
Carlone

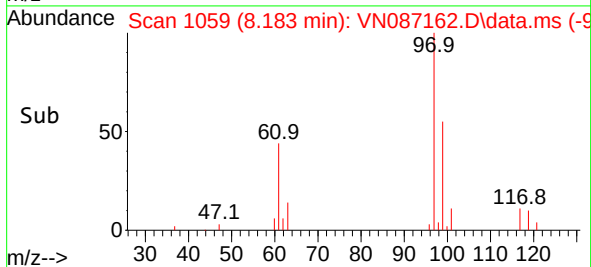
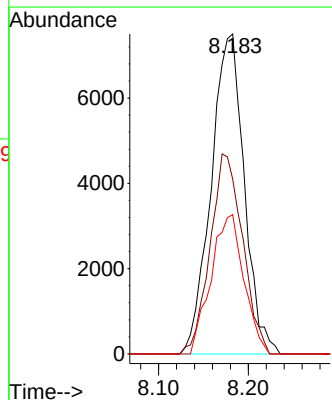
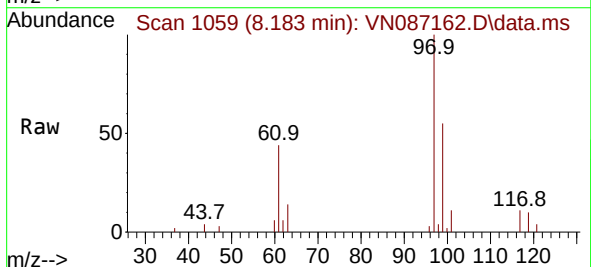
06/25/2025
Supervised By :Mahesh
Dadoda

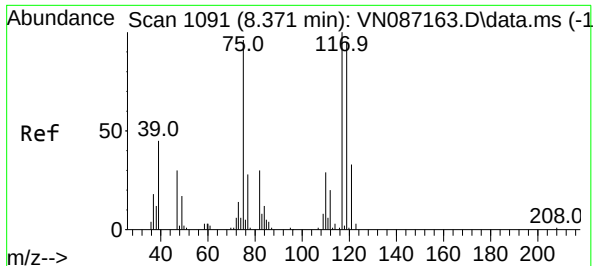
06/26/2025



#32
1,1,1-Trichloroethane
Concen: 5.506 ug/l
RT: 8.183 min Scan# 1059
Delta R.T. 0.006 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

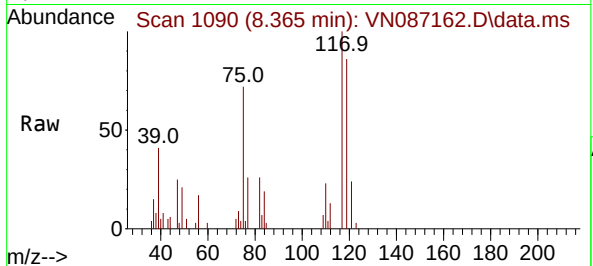
Tgt Ion: 97 Resp: 19246
Ion Ratio Lower Upper
97 100
99 61.2 50.8 76.2
61 43.3 36.1 54.1





#33
Carbon Tetrachloride
Concen: 5.645 ug/l m
RT: 8.365 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



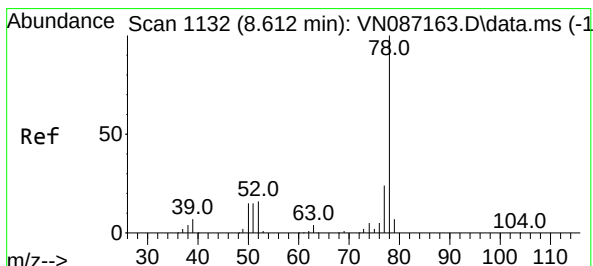
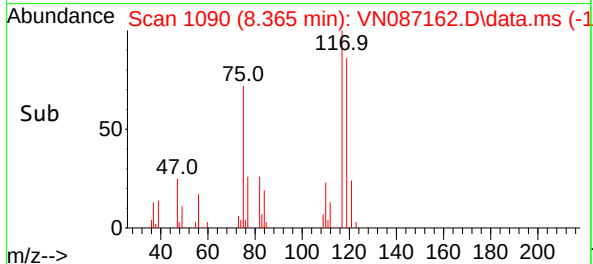
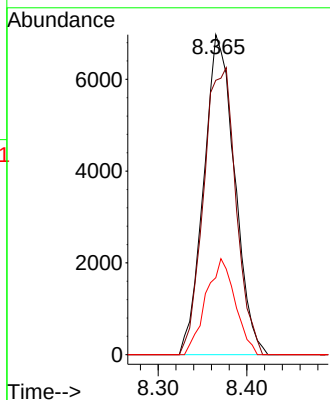
Tgt Ion: 117 Resp: 1686
Ion Ratio Lower Upper
117 100
119 85.7 75.8 113.6
121 24.0 26.2 39.4

Manual Integrations
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Reviewed By :John
Carlone

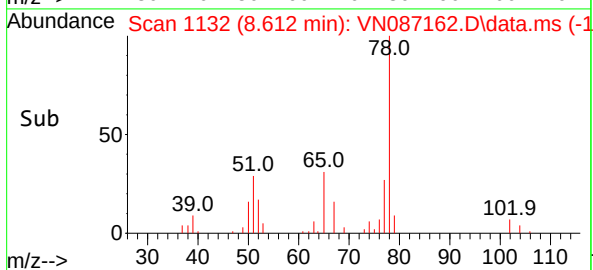
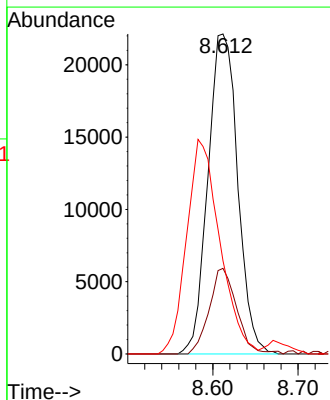
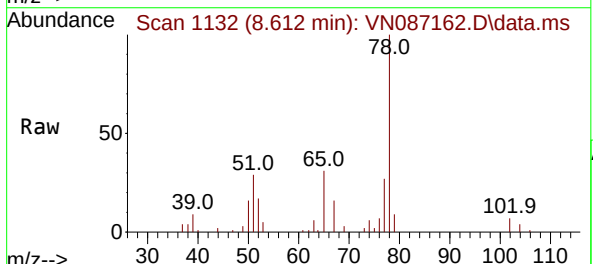
06/25/2025
Supervised By :Mahesh
Dadoda

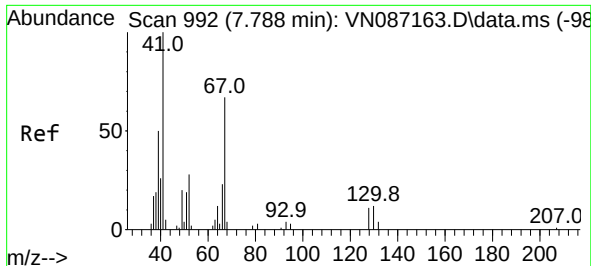
06/26/2025



#34
Benzene
Concen: 5.491 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

Tgt Ion: 78 Resp: 53867
Ion Ratio Lower Upper
78 100
77 26.8 19.5 29.3
51 25.5 14.8 22.2





#35
Methacrylonitrile
Concen: 7.079 ug/l m
RT: 7.794 min Scan# 993
Delta R.T. 0.006 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

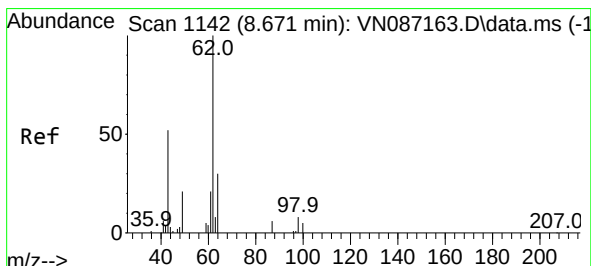
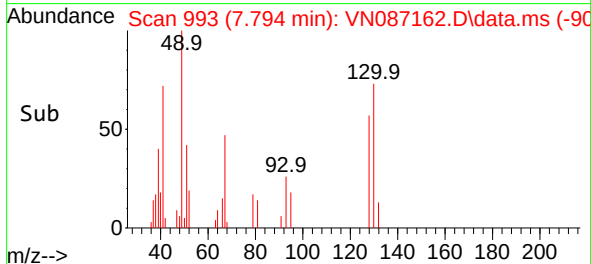
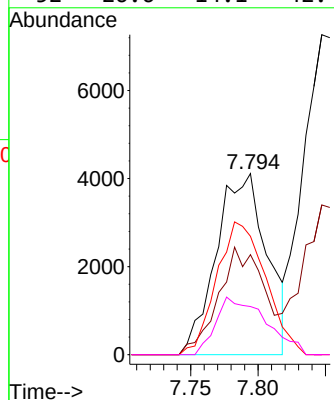
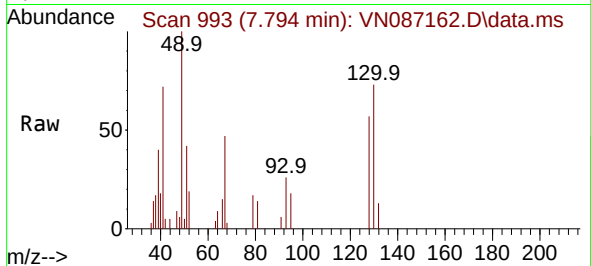
Tgt Ion:	41	Resp:	1074
Ion Ratio	Lower	Upper	
41	100		
39	55.2	24.4	73.2
67	65.4	33.3	99.8
52	26.6	14.1	42.4

Manual Integrations
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Reviewed By :John
Carlone

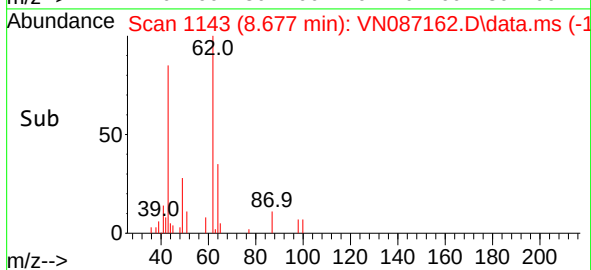
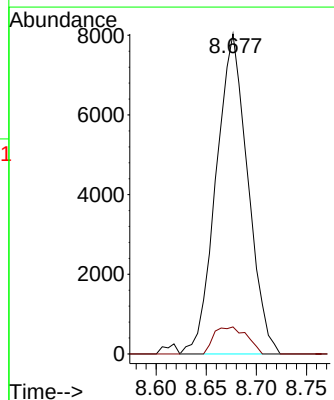
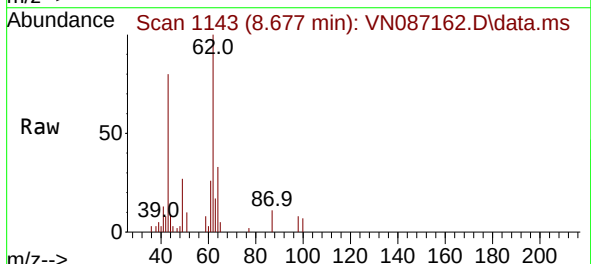
06/25/2025
Supervised By :Mahesh
Dadoda

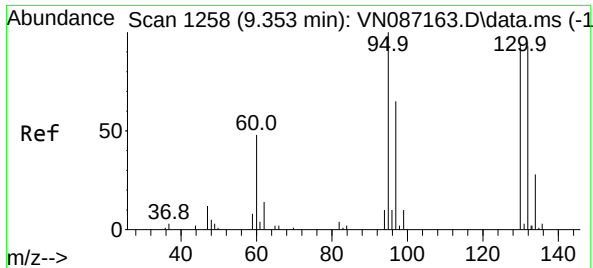
06/26/2025



#36
1,2-Dichloroethane
Concen: 6.143 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

Tgt Ion:	62	Resp:	17661
Ion Ratio	Lower	Upper	
62	100		
98	8.7	7.2	10.8





#37
Trichloroethene
Concen: 4.664 ug/l
RT: 9.359 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

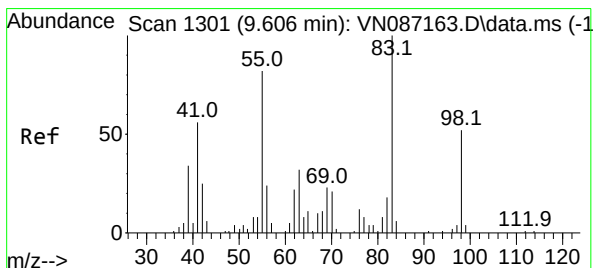
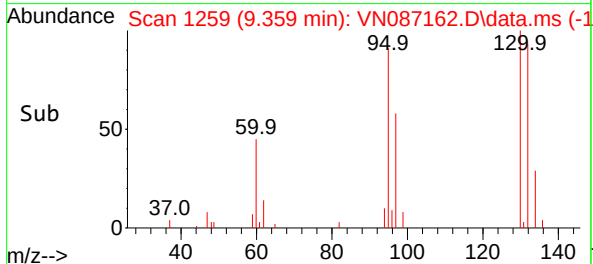
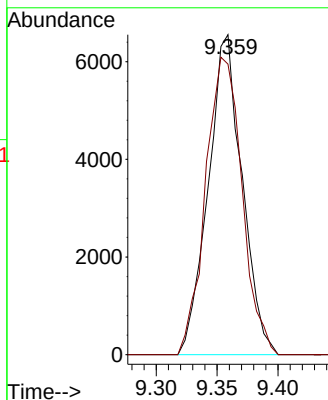
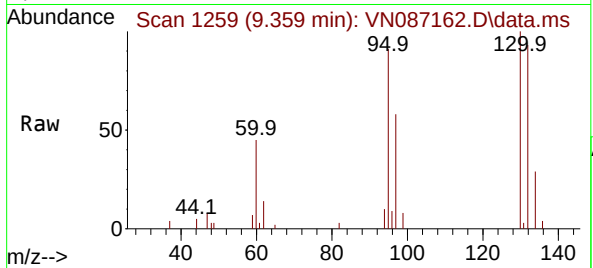
Tgt Ion:130 Resp: 1269
Ion Ratio Lower Upper
130 100
95 90.8 85.3 127.9

Manual Integrations
APPROVED

Reviewed By :John
Carlone

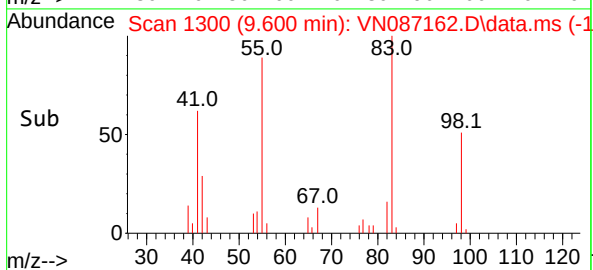
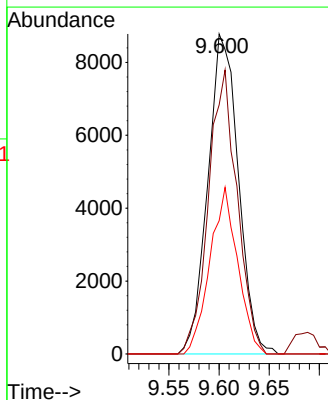
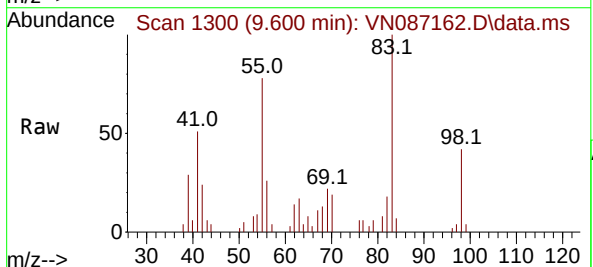
06/25/2025
Supervised By :Mahesh
Dadoda

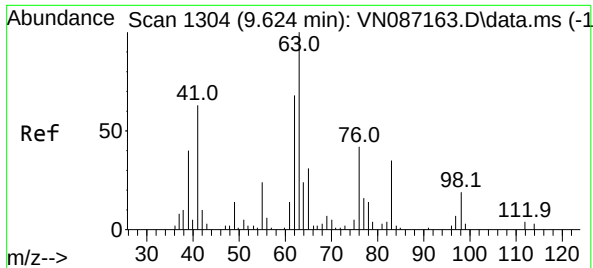
06/26/2025



#38
Methylcyclohexane
Concen: 5.564 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.006 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

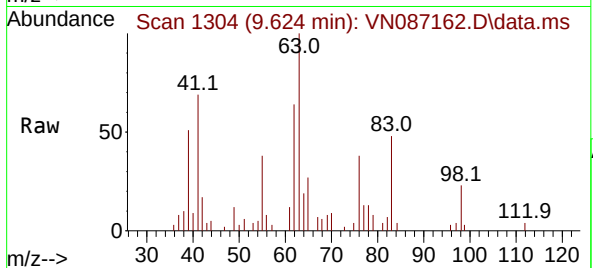
Tgt Ion: 83 Resp: 18613
Ion Ratio Lower Upper
83 100
55 83.5 40.1 120.2
98 47.3 24.4 73.2





#39
1,2-Dichloropropane
Concen: 5.751 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



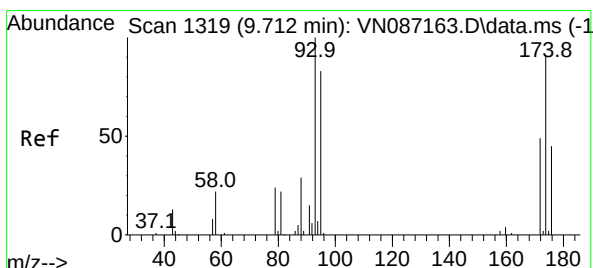
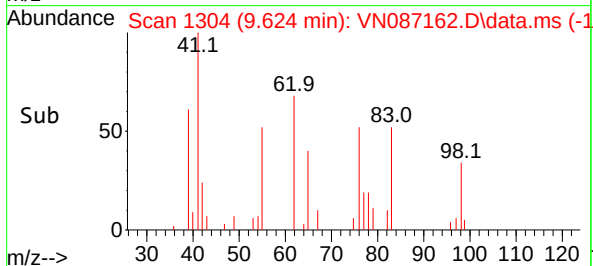
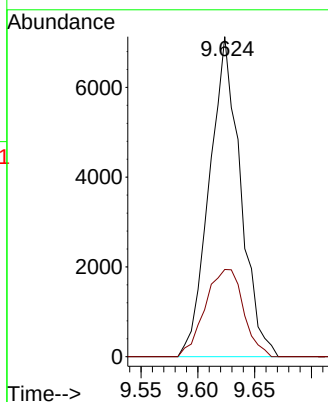
Tgt Ion: 63 Resp: 13584
Ion Ratio Lower Upper
63 100
65 27.3 24.6 36.8

Manual Integrations
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Reviewed By :John
Carlone

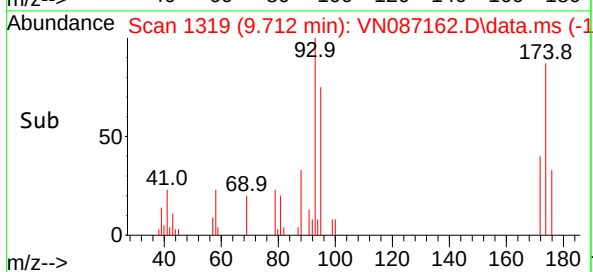
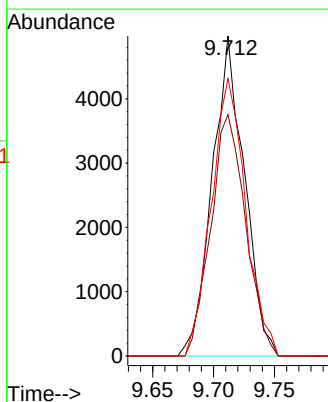
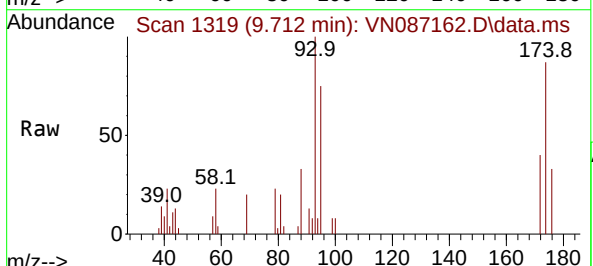
06/25/2025
Supervised By :Mahesh
Dadoda

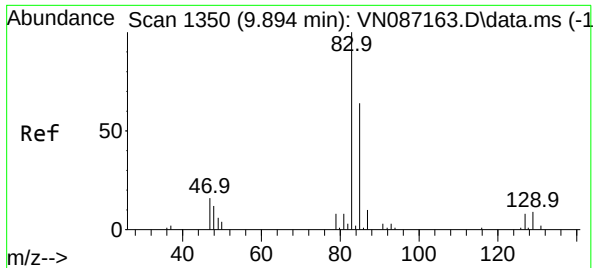
06/26/2025



#40
Dibromomethane
Concen: 5.937 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

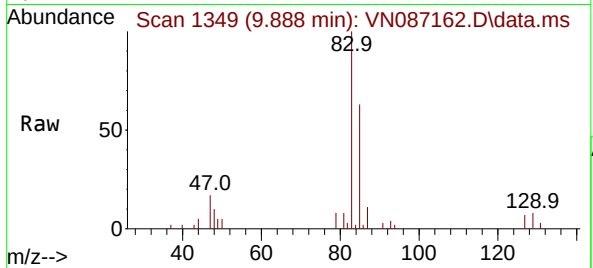
Tgt Ion: 93 Resp: 9171
Ion Ratio Lower Upper
93 100
95 81.7 0.0 170.8
174 92.3 0.0 176.6





#41
Bromodichloromethane
Concen: 5.677 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



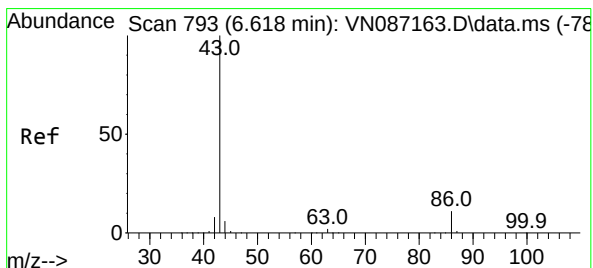
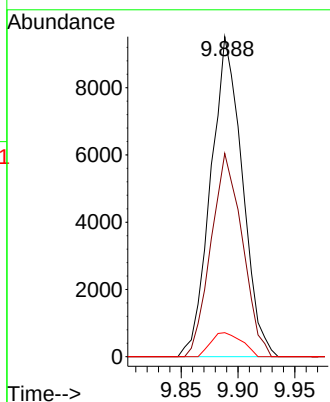
Tgt Ion: 83 Resp: 1835
Ion Ratio Lower Upper
83 100
85 63.5 51.4 77.2
127 7.5 6.1 9.1

Manual Integrations
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Reviewed By :John
Carlone

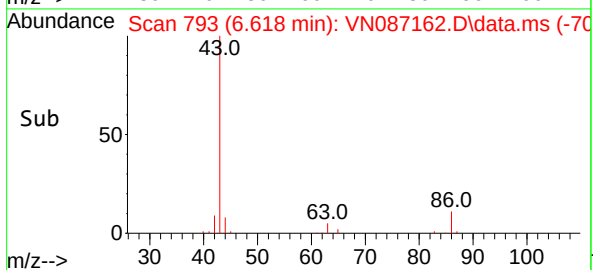
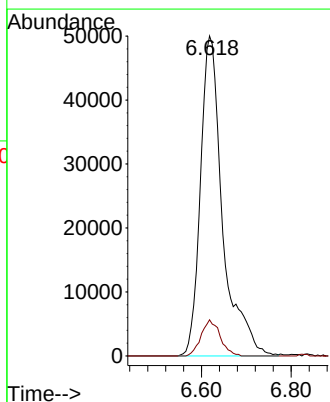
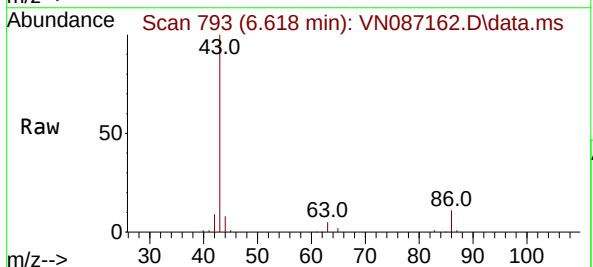
06/25/2025
Supervised By :Mahesh
Dadoda

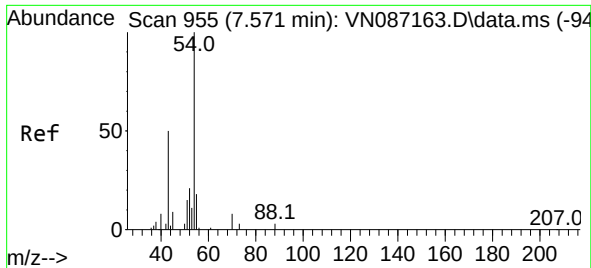
06/26/2025



#42
Vinyl Acetate
Concen: 44.667 ug/l
RT: 6.618 min Scan# 793
Delta R.T. 0.000 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

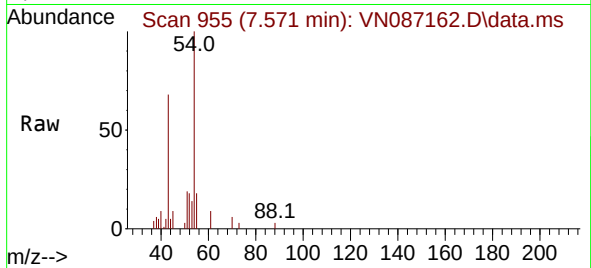
Tgt Ion: 43 Resp: 172005
Ion Ratio Lower Upper
43 100
86 9.7 7.7 11.5





#43
Ethyl Acetate
Concen: 5.642 ug/l m
RT: 7.571 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



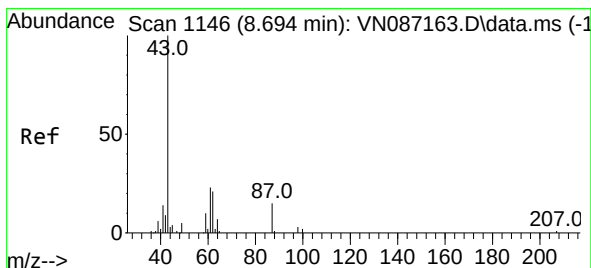
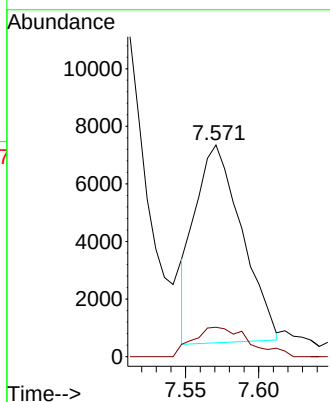
Tgt Ion: 43 Resp: 1525
Ion Ratio Lower Upper
43 100
45 16.8 11.5 17.3

Manual Integrations
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Reviewed By :John
Carlone

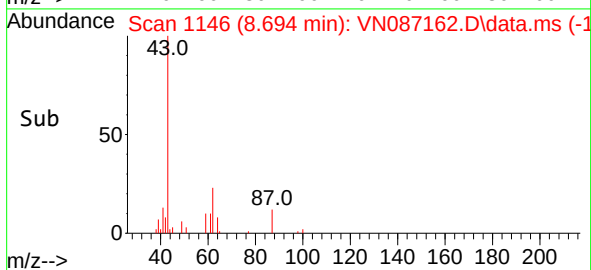
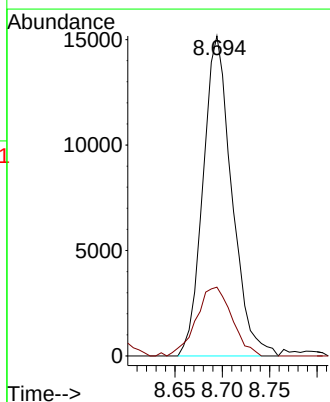
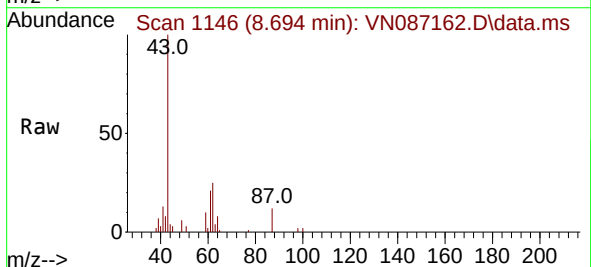
06/25/2025
Supervised By :Mahesh
Dadoda

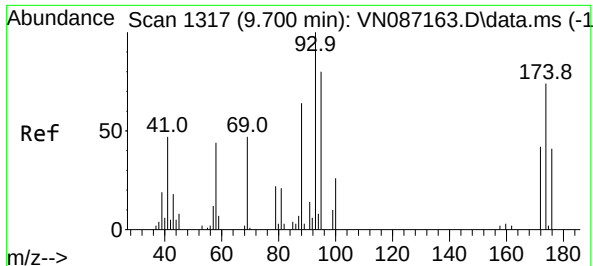
06/26/2025



#44
Isopropyl Acetate
Concen: 6.909 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

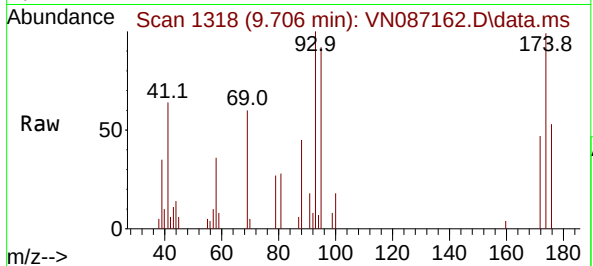
Tgt Ion: 43 Resp: 32041
Ion Ratio Lower Upper
43 100
61 26.6 20.5 30.7





#45
1,4-Dioxane
Concen: 91.346 ug/l
RT: 9.706 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



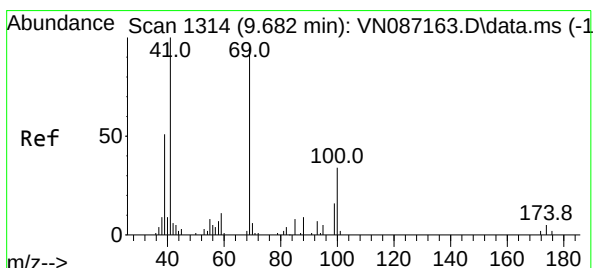
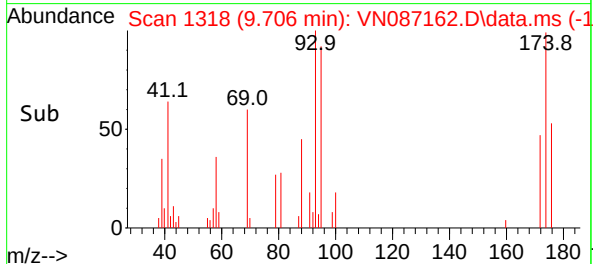
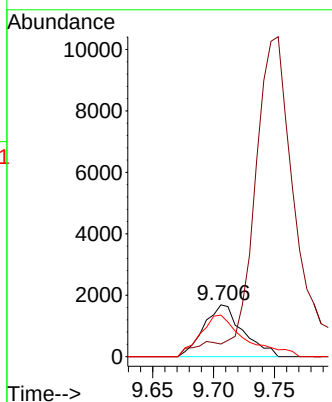
Tgt Ion: 88 Resp: 376
Ion Ratio Lower Upper
88 100
43 21.3 21.3 31.9
58 91.6 61.7 92.5

Manual Integrations
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Reviewed By :John
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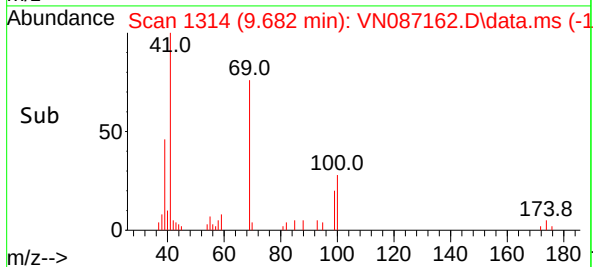
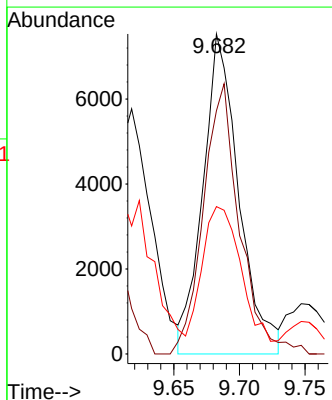
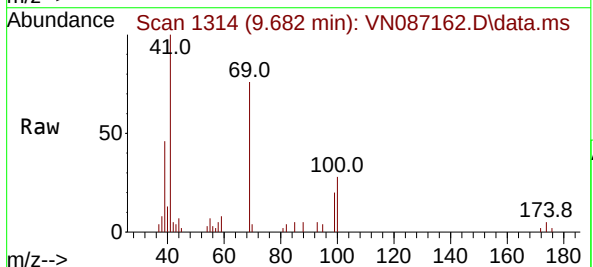
06/25/2025
Supervised By :Mahesh
Dadoda

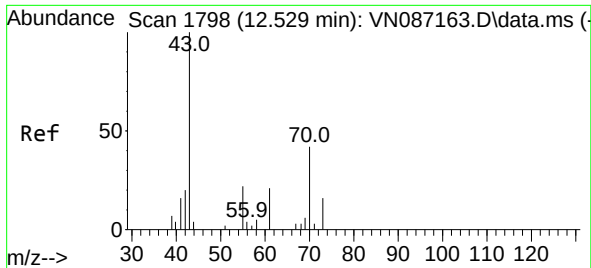
06/26/2025



#46
Methyl methacrylate
Concen: 6.706 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

Tgt Ion: 41 Resp: 14340
Ion Ratio Lower Upper
41 100
69 78.3 45.6 136.9
39 45.3 26.2 78.5





#47
n-amy1 Acetate
Concen: 4.906 ug/l m
RT: 12.712 min Scan# 1
Delta R.T. 0.182 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

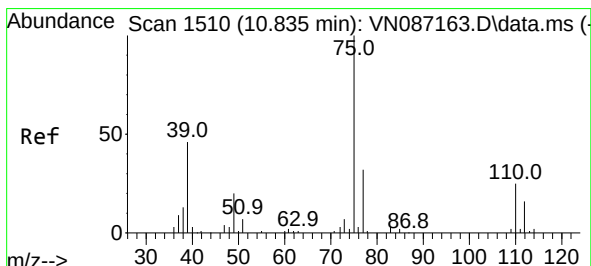
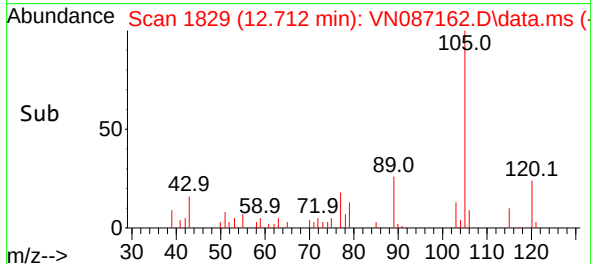
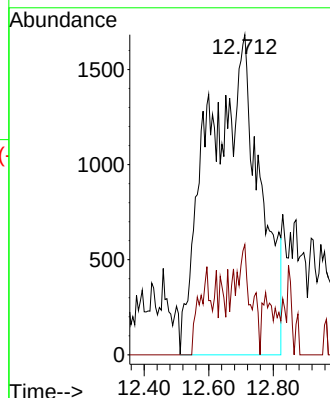
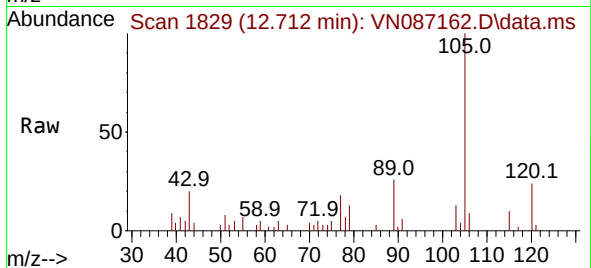
Tgt Ion: 43 Resp: 1826
Ion Ratio Lower Upper
43 100
55 0.0 0.0 0.0

Manual Integrations
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Reviewed By :John
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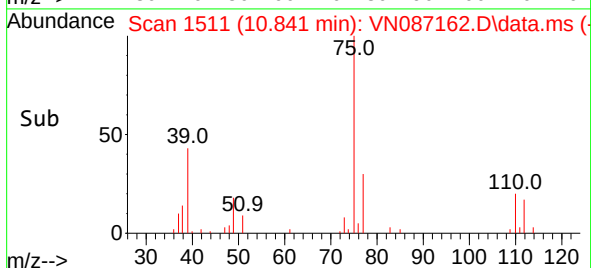
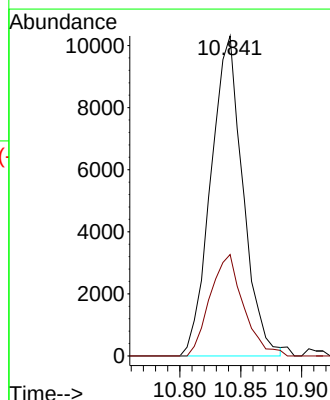
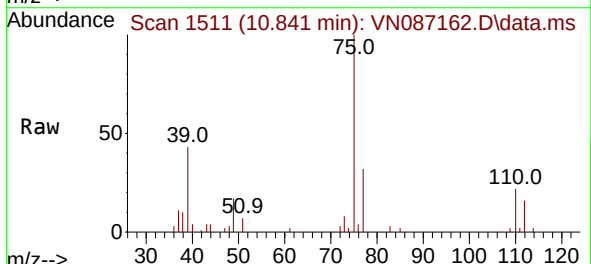
06/25/2025
Supervised By :Mahesh
Dadoda

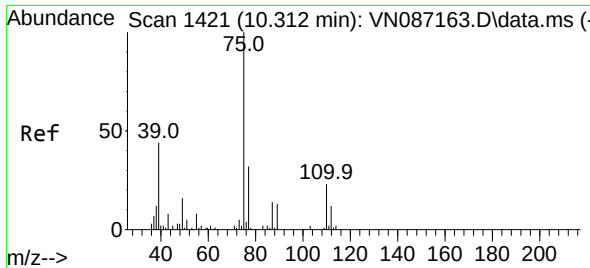
06/26/2025



#48
t-1,3-Dichloropropene
Concen: 5.467 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

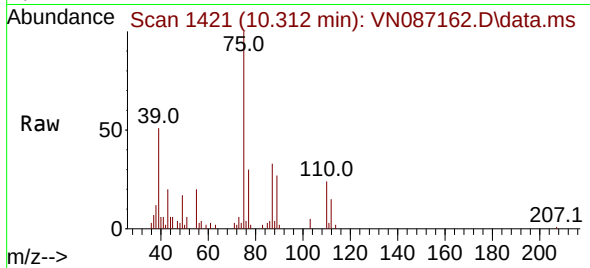
Tgt Ion: 75 Resp: 18916
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.0





#49
 cis-1,3-Dichloropropene
 Concen: 5.529 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN087162.D
 Acq: 25 Jun 2025 08:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



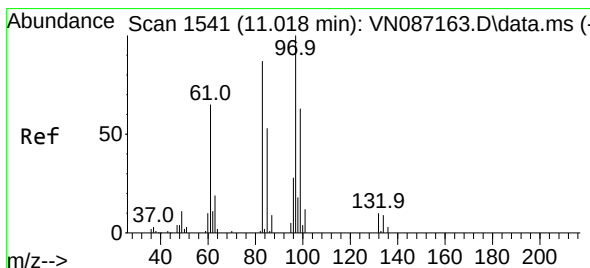
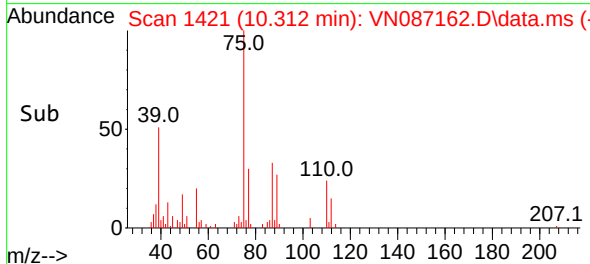
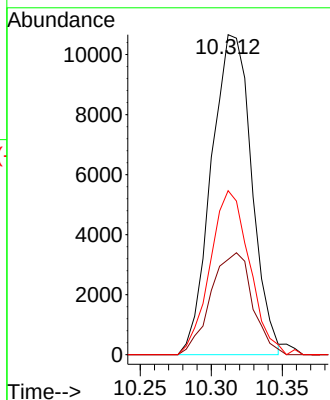
Tgt Ion:	75	Resp:	2104
Ion Ratio	Lower	Upper	
75	100		
77	29.8	25.4	38.2
39	51.3	35.3	52.9

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Reviewed By :John
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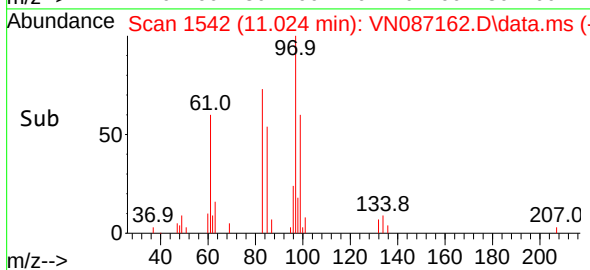
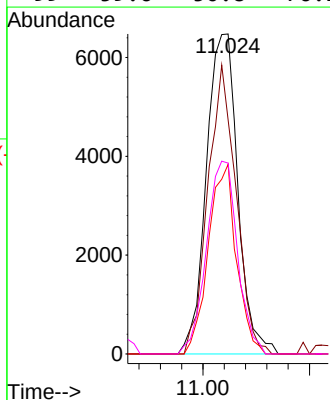
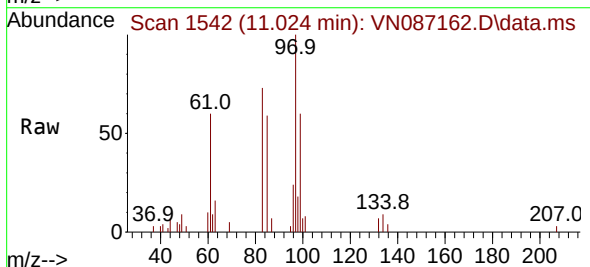
06/25/2025
 Supervised By :Mahesh
 Dadoda

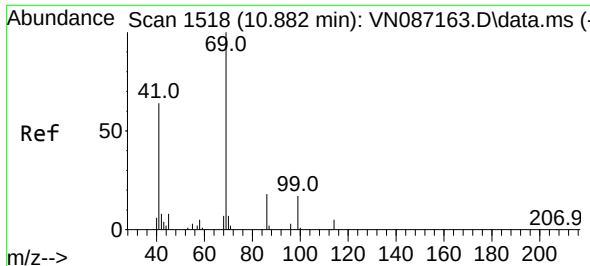
06/26/2025



#50
 1,1,2-Trichloroethane
 Concen: 6.097 ug/l
 RT: 11.024 min Scan# 1542
 Delta R.T. 0.006 min
 Lab File: VN087162.D
 Acq: 25 Jun 2025 08:59

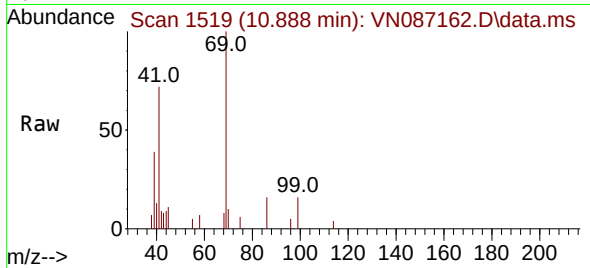
Tgt Ion:	97	Resp:	13266
Ion Ratio	Lower	Upper	
97	100		
83	73.1	69.6	104.4
85	59.3	42.0	63.0
99	59.6	50.8	76.2





#51
Ethyl methacrylate
Concen: 4.077 ug/l m
RT: 10.888 min Scan# 1518
Delta R.T. 0.006 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



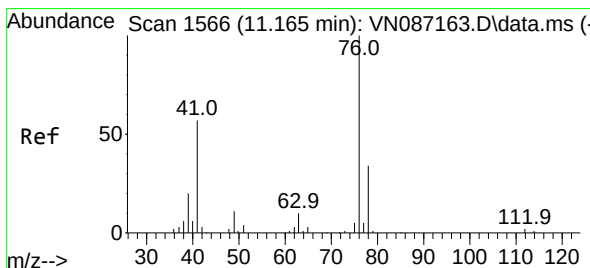
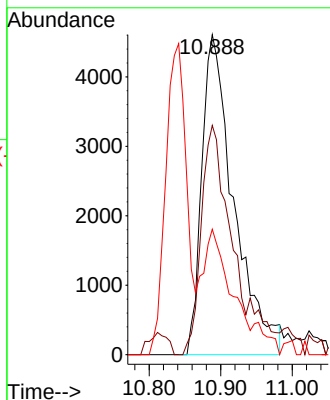
Tgt Ion: 69 Resp: 1436
Ion Ratio Lower Upper
69 100
41 71.7 31.8 95.3
39 39.2 15.3 45.8

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Reviewed By :John
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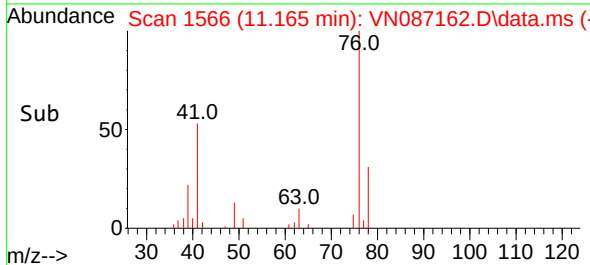
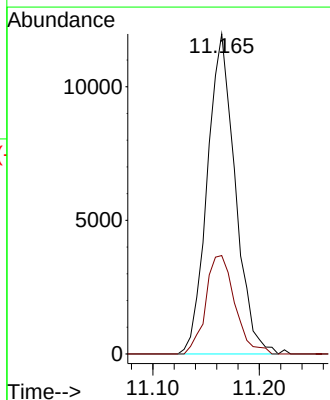
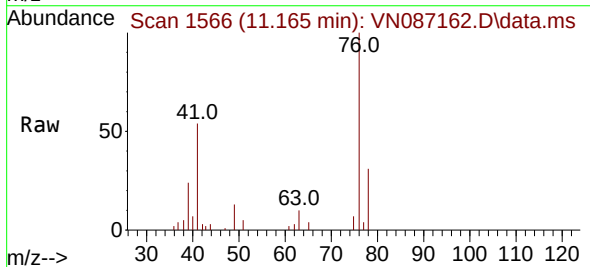
06/25/2025
Supervised By :Mahesh
Dadoda

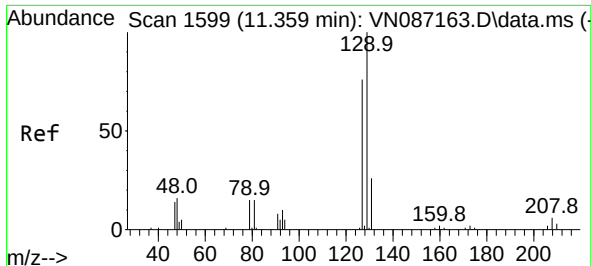
06/26/2025



#52
1,3-Dichloropropane
Concen: 5.650 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

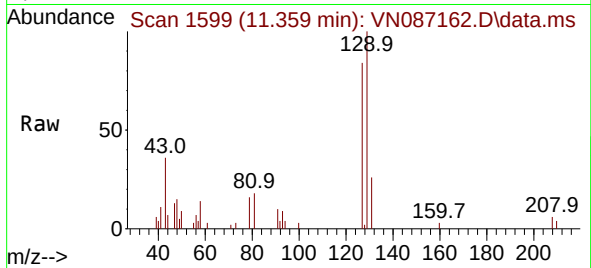
Tgt Ion: 76 Resp: 21815
Ion Ratio Lower Upper
76 100
78 31.7 0.0 63.0





#53
Dibromochloromethane
Concen: 5.184 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



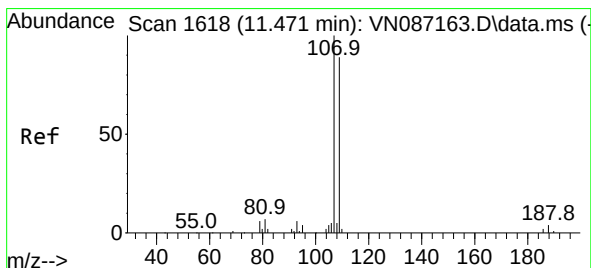
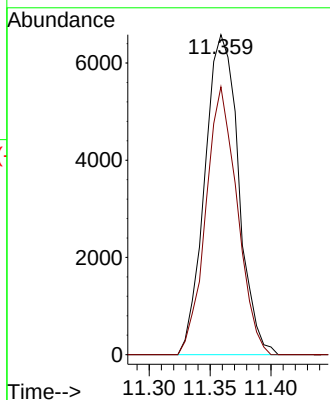
Tgt Ion:129 Resp: 12745
Ion Ratio Lower Upper
129 100
127 77.6 39.6 118.8

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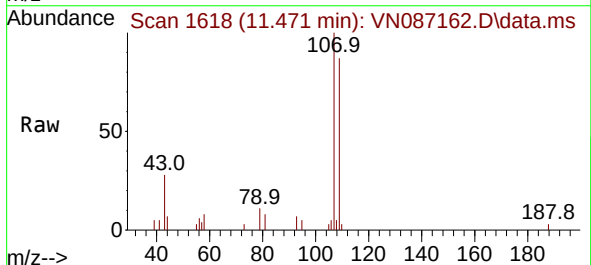
Reviewed By :John
Carlone

06/25/2025
Supervised By :Mahesh
Dadoda

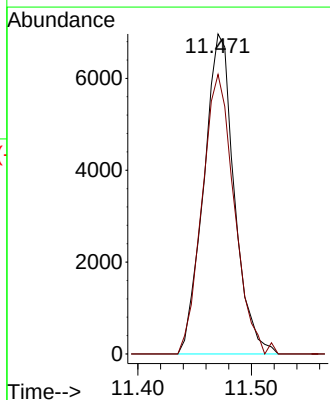
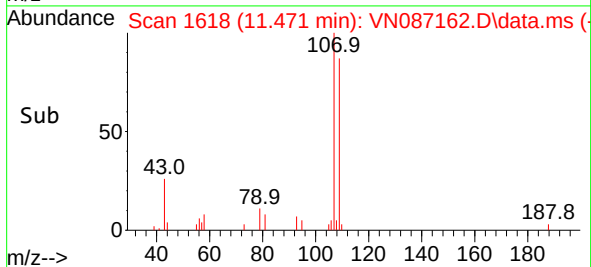
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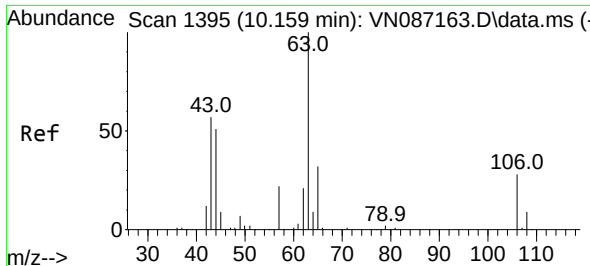


#54
1,2-Dibromoethane
Concen: 5.849 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59



Tgt Ion:107 Resp: 13009
Ion Ratio Lower Upper
107 100
109 91.0 73.5 110.3





#55
2-Chloroethyl vinyl ether
Concen: 30.031 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

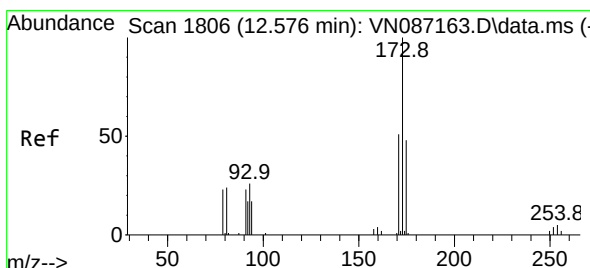
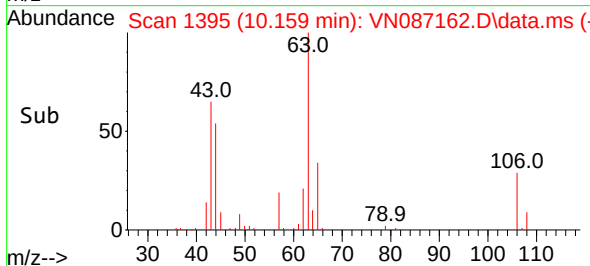
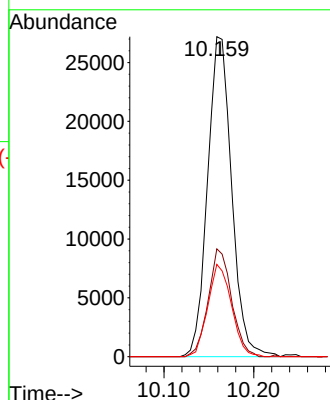
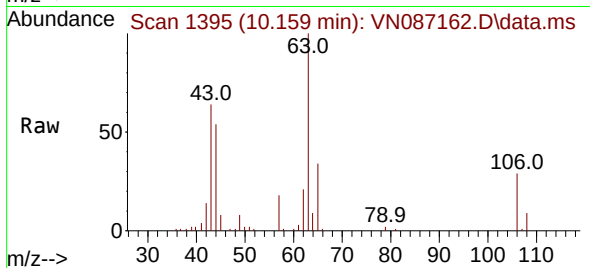
Tgt Ion: 63 Resp: 5079
Ion Ratio Lower Upper
63 100
65 32.6 25.6 38.4
106 28.3 21.9 32.9

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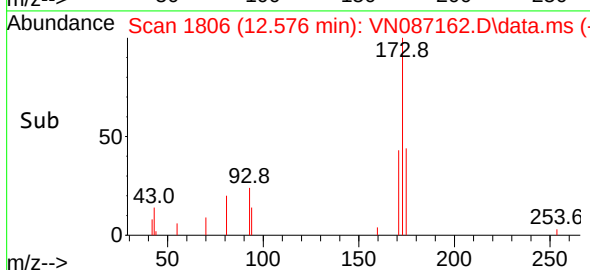
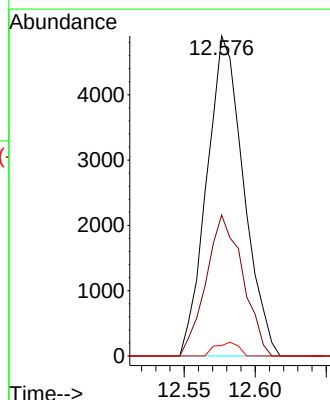
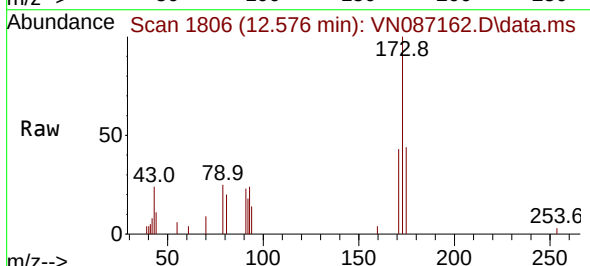
06/25/2025
Supervised By :Mahesh
Dadoda

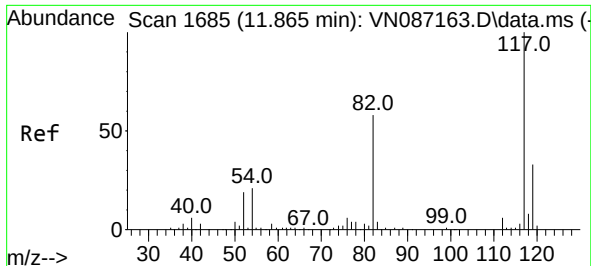
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#56
Bromoform
Concen: 5.696 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

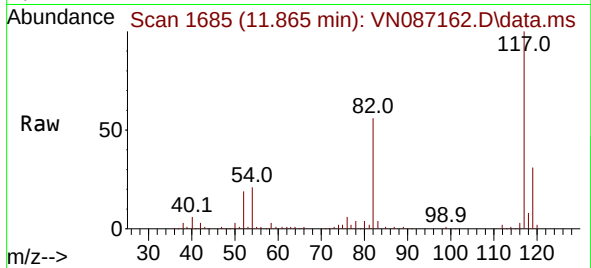
Tgt Ion:173 Resp: 8824
Ion Ratio Lower Upper
173 100
175 43.8 38.7 58.1
254 2.7 4.2 6.4#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



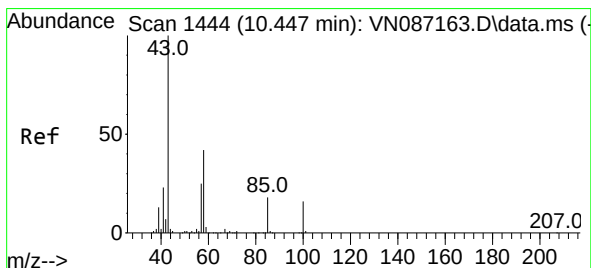
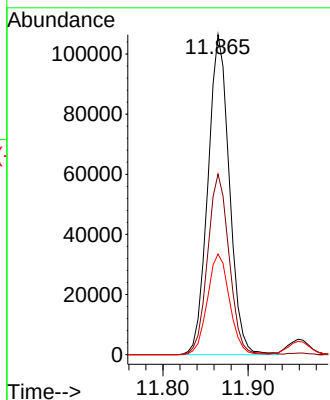
Tgt Ion: 117 Resp: 18629
Ion Ratio Lower Upper
117 100
82 56.8 45.4 68.2
119 32.5 26.2 39.4

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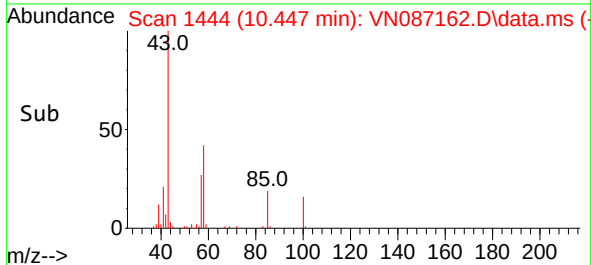
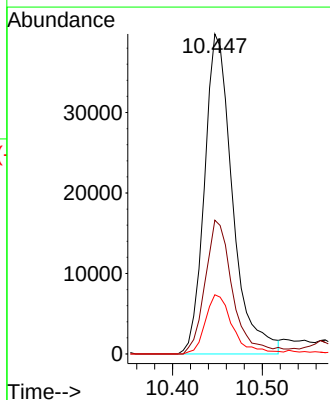
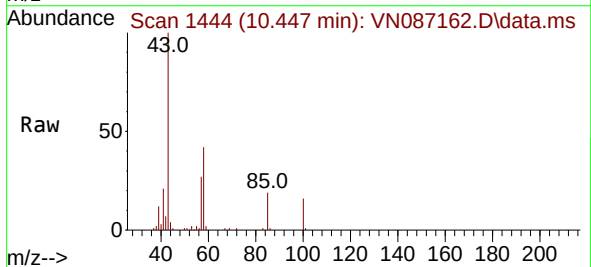
06/25/2025
Supervised By :Mahesh
Dadoda

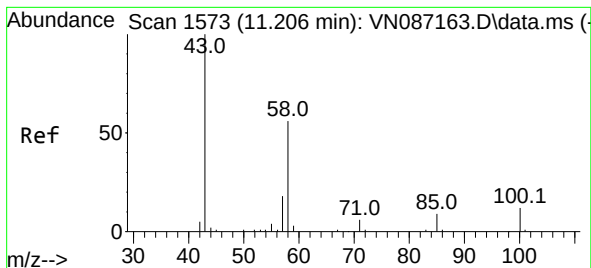
06/26/2025



#58
4-Methyl-2-Pentanone
Concen: 31.623 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

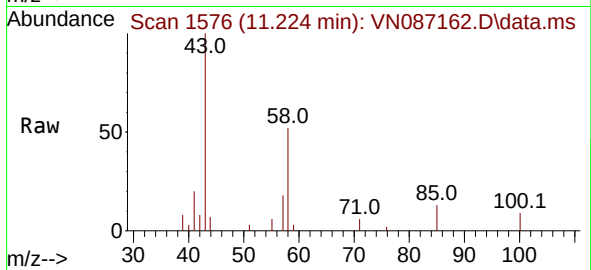
Tgt Ion: 43 Resp: 86443
Ion Ratio Lower Upper
43 100
58 40.5 32.6 49.0
85 17.9 14.6 22.0





#59
2-Hexanone
Concen: 24.166 ug/l m
RT: 11.224 min Scan# 1576
Delta R.T. 0.018 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



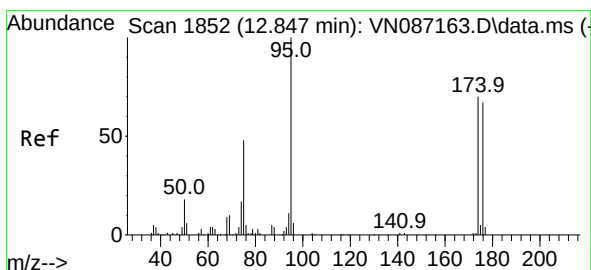
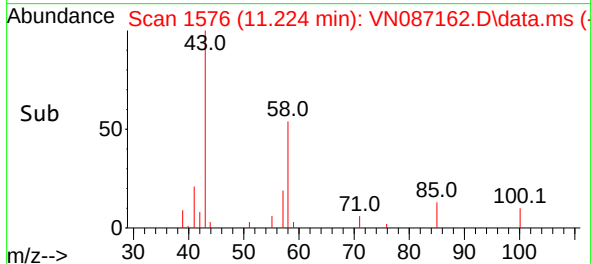
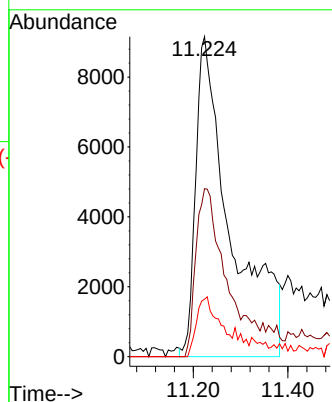
Tgt Ion: 43 Resp: 4731
Ion Ratio Lower Upper
43 100
58 40.4 49.2 73.8
57 12.2 15.3 22.9

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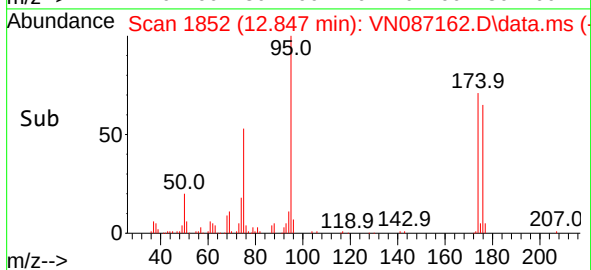
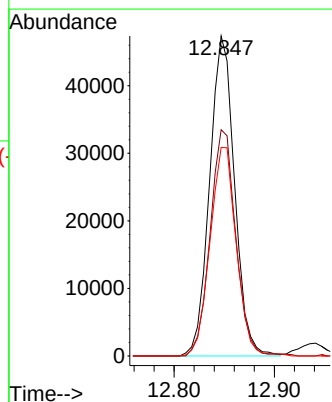
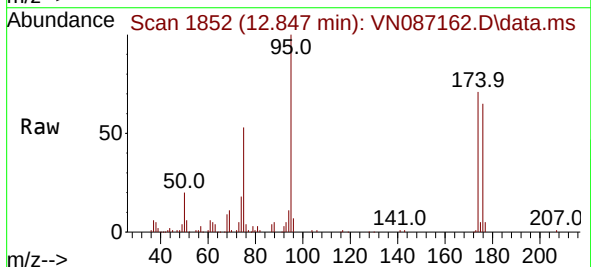
06/25/2025
Supervised By :Mahesh
Dadoda

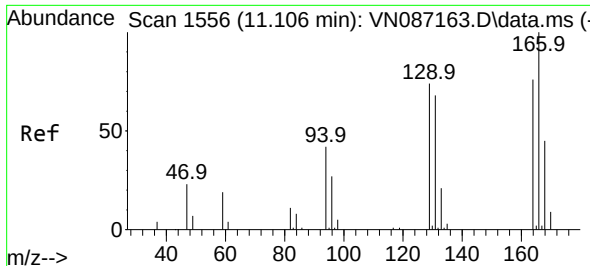
06/26/2025



#60
4-Bromofluorobenzene
Concen: 27.951 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

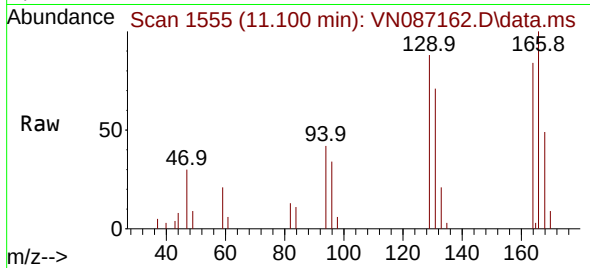
Tgt Ion: 95 Resp: 81752
Ion Ratio Lower Upper
95 100
174 72.7 54.5 81.7
176 68.3 51.9 77.9





#61
Tetrachloroethene
Concen: 3.313 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.006 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



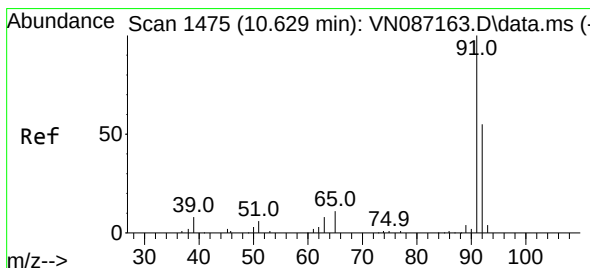
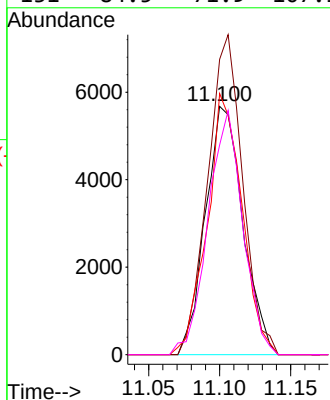
Tgt Ion:164 Resp: 10379
Ion Ratio Lower Upper
164 100
166 118.9 105.4 158.2
129 105.1 77.9 116.9
131 84.5 71.9 107.9

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Reviewed By :John
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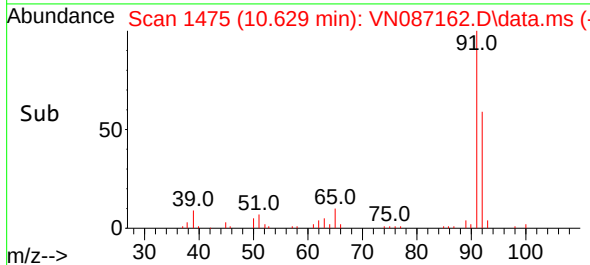
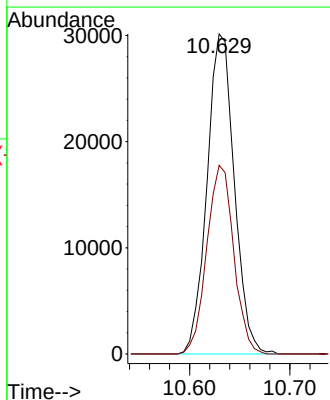
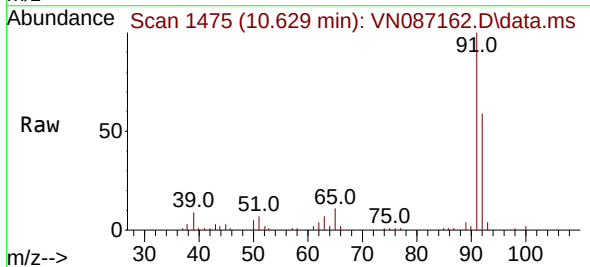
06/25/2025
Supervised By :Mahesh
Dadoda

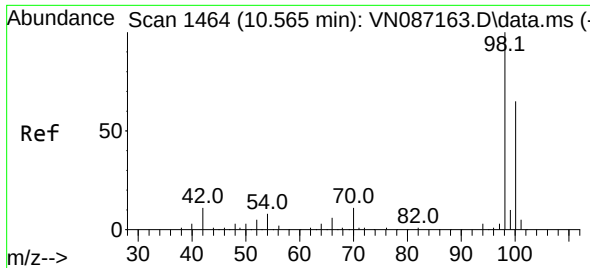
06/26/2025



#62
Toluene
Concen: 5.442 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

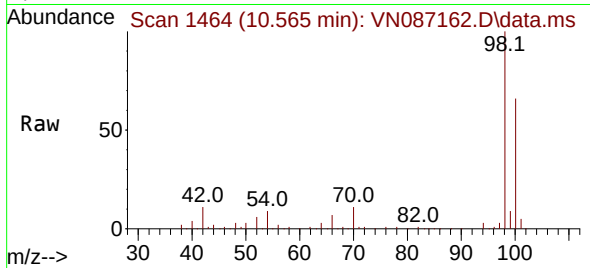
Tgt Ion: 91 Resp: 57093
Ion Ratio Lower Upper
91 100
92 58.2 45.8 68.8





#63
Toluene-d8
Concen: 30.207 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



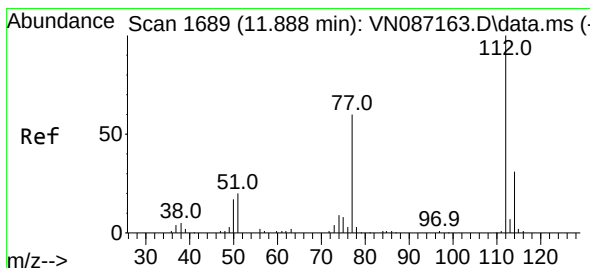
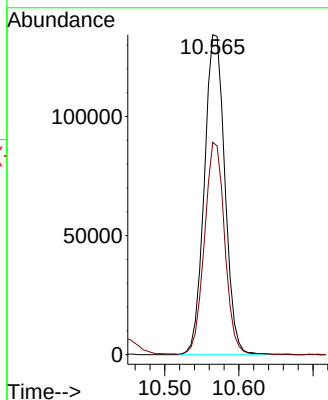
Tgt Ion: 98 Resp: 258280
Ion Ratio Lower Upper
98 100
100 64.9 52.5 78.7

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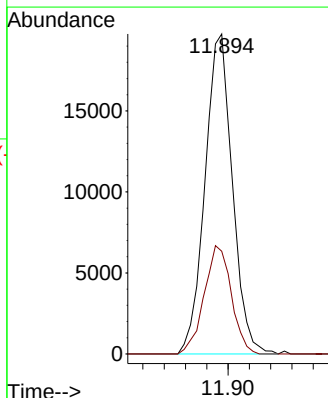
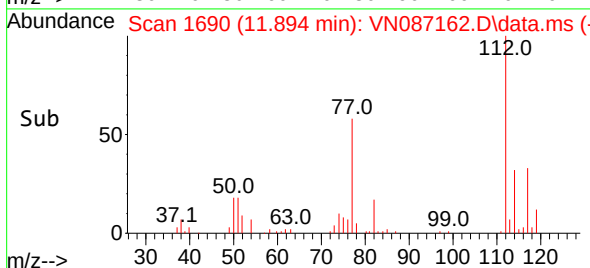
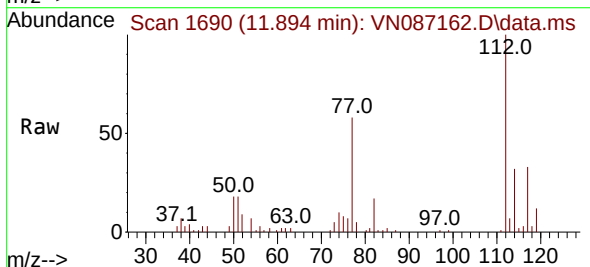
06/25/2025
Supervised By :Mahesh
Dadoda

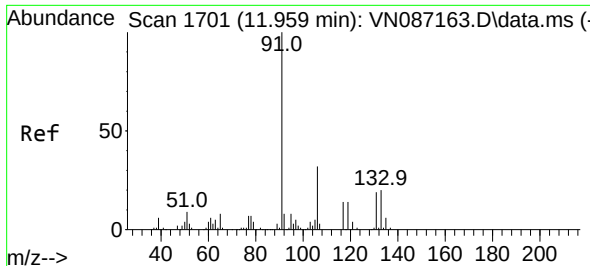
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#64
Chlorobenzene
Concen: 5.272 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.006 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

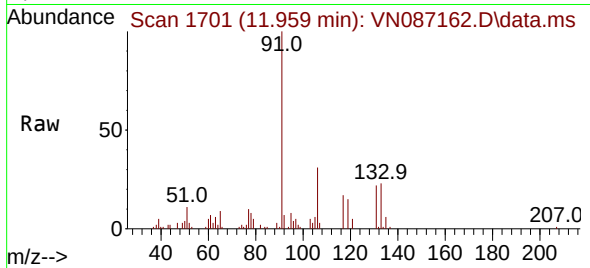
Tgt Ion:112 Resp: 35274
Ion Ratio Lower Upper
112 100
114 32.1 25.0 37.4





#65
1,1,1,2-Tetrachloroethane
Concen: 5.318 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



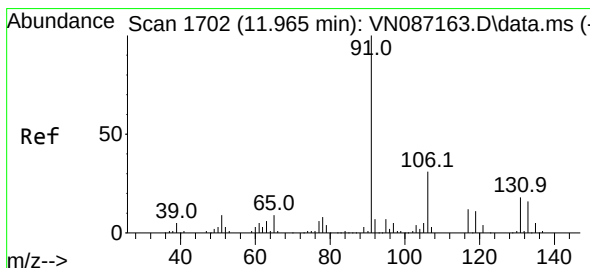
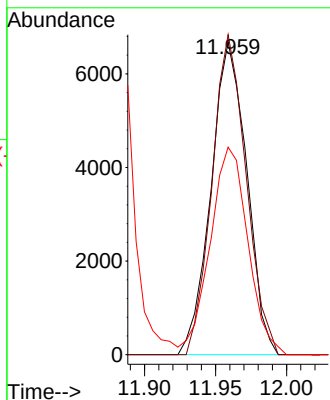
Tgt Ion:131 Resp: 11689
Ion Ratio Lower Upper
131 100
133 97.9 0.0 187.8
119 70.1 0.0 140.0

Manual Integrations
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Reviewed By :John
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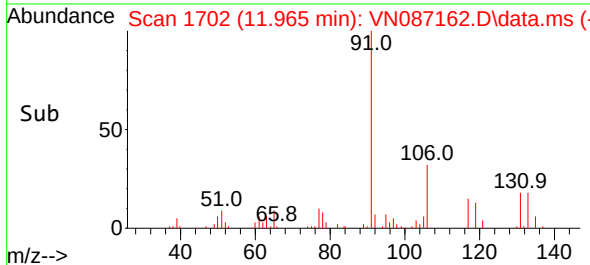
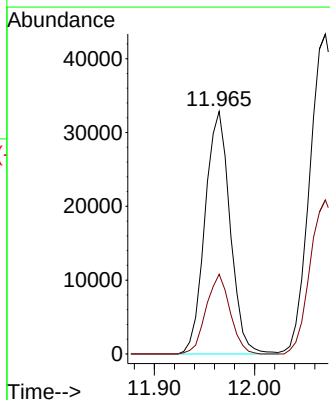
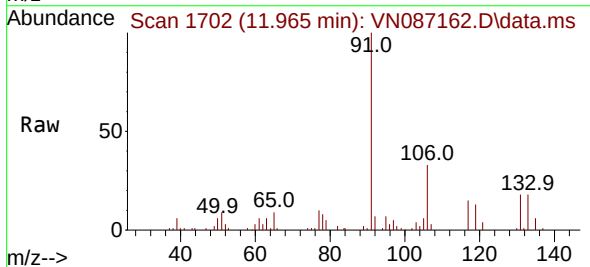
06/25/2025
Supervised By :Mahesh
Dadoda

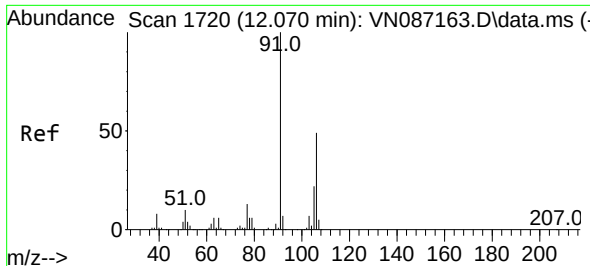
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#66
Ethyl Benzene
Concen: 5.053 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

Tgt Ion: 91 Resp: 57341
Ion Ratio Lower Upper
91 100
106 32.9 24.8 37.2





#67
m/p-Xylenes
Concen: 9.681 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

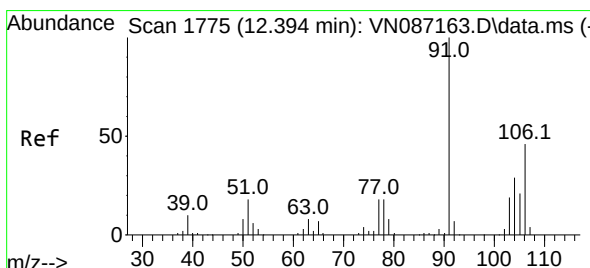
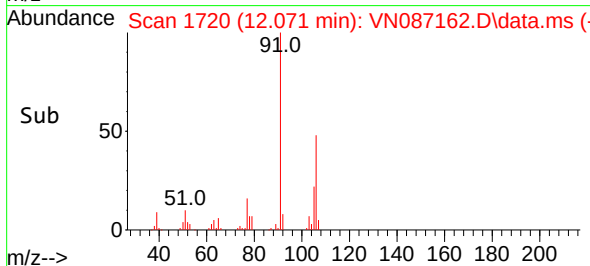
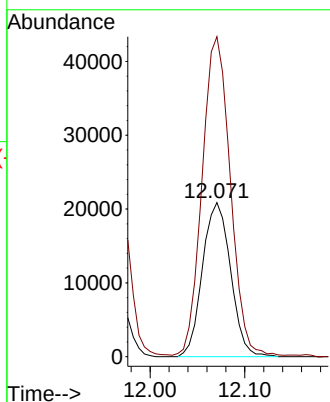
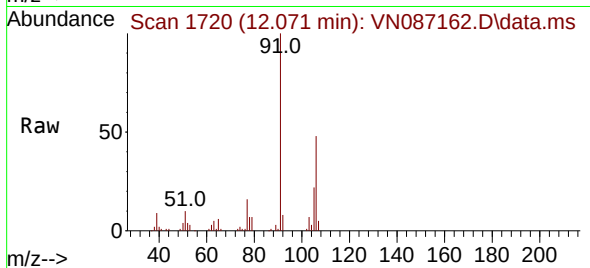
Tgt Ion:106 Resp: 43110
Ion Ratio Lower Upper
106 100
91 208.9 163.0 244.4

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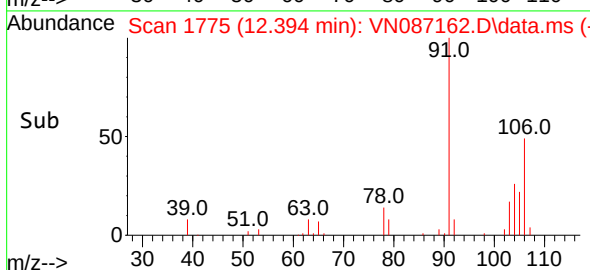
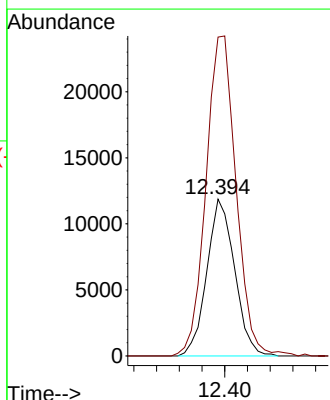
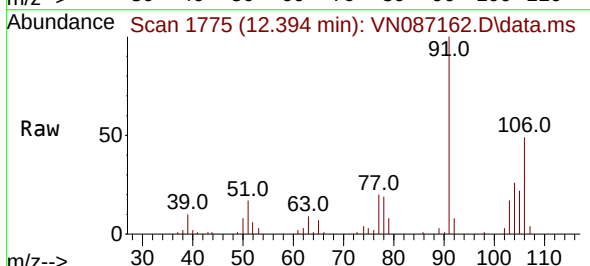
06/25/2025
Supervised By :Mahesh
Dadoda

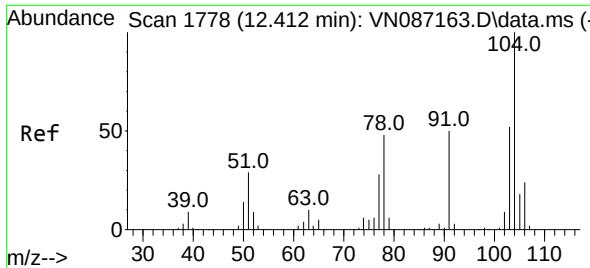
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#68
o-Xylene
Concen: 4.677 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

Tgt Ion:106 Resp: 20187
Ion Ratio Lower Upper
106 100
91 219.5 107.1 321.1





#69
Styrene
Concen: 4.688 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

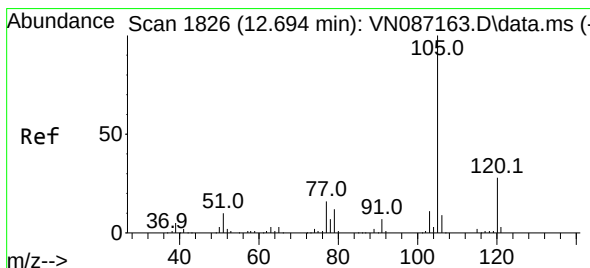
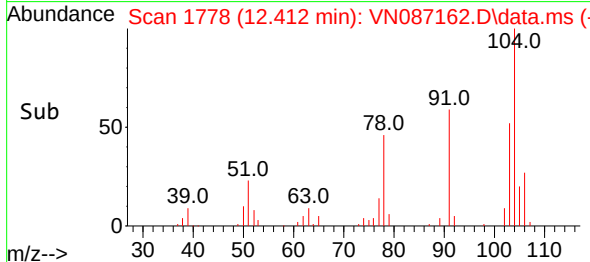
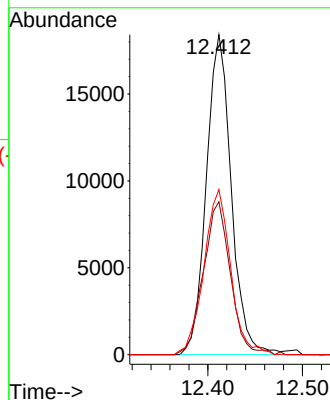
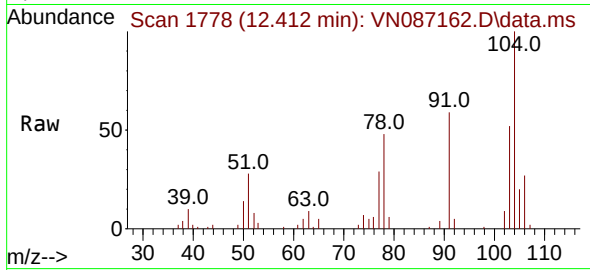
Tgt Ion:104 Resp: 3371
Ion Ratio Lower Upper
104 100
78 51.3 39.8 59.8
103 55.4 44.2 66.4

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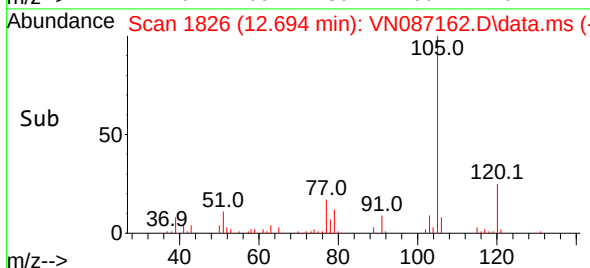
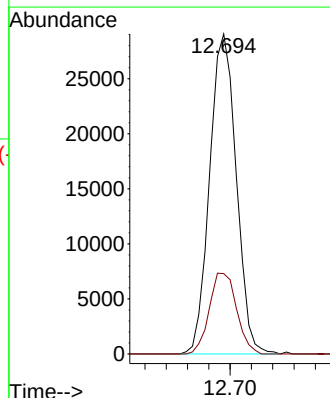
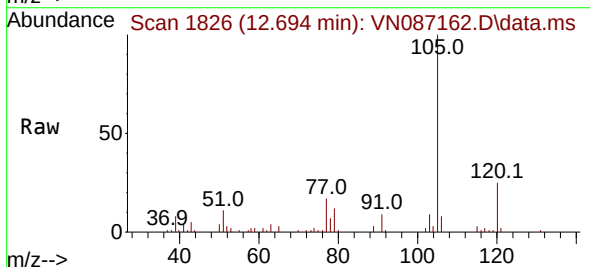
06/25/2025
Supervised By :Mahesh
Dadoda

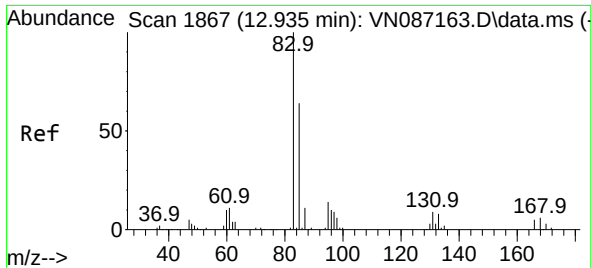
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#70
Isopropylbenzene
Concen: 4.908 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

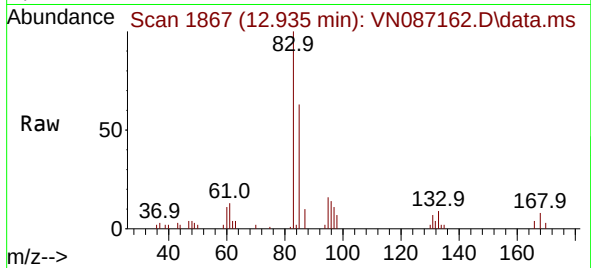
Tgt Ion:105 Resp: 50380
Ion Ratio Lower Upper
105 100
120 25.9 19.0 35.2





#71
1,1,2,2-Tetrachloroethane
Concen: 7.945 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



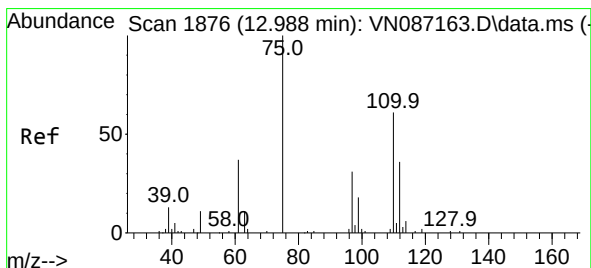
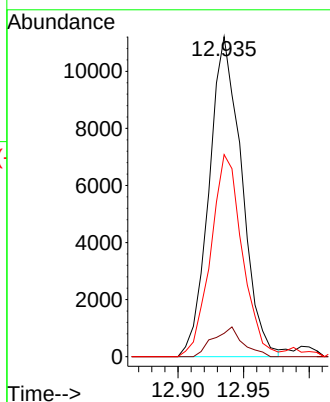
Tgt Ion: 83 Resp: 19389
Ion Ratio Lower Upper
83 100
131 8.4 4.5 13.4
85 61.4 31.3 93.9

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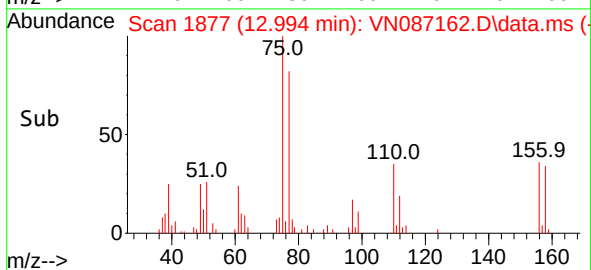
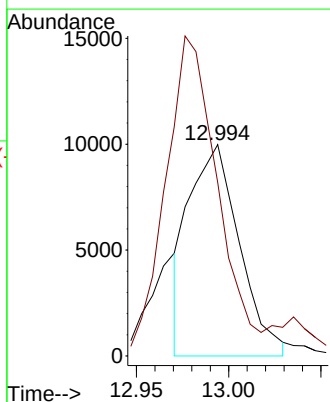
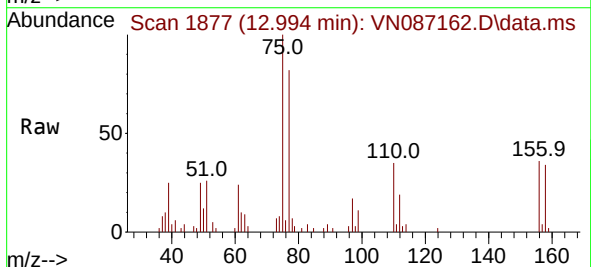
06/25/2025
Supervised By :Mahesh
Dadoda

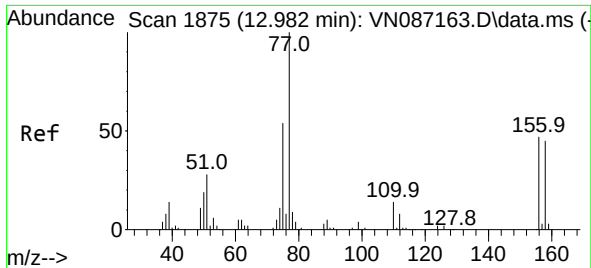
06/26/2025



#72
1,2,3-Trichloropropane
Concen: 6.625 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

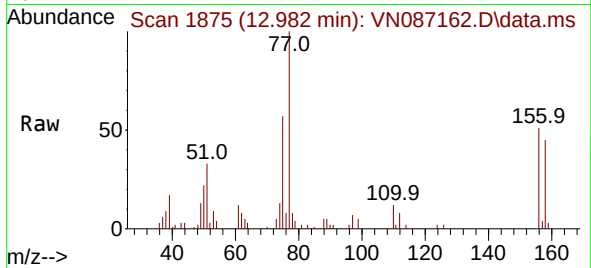
Tgt Ion: 75 Resp: 18949
Ion Ratio Lower Upper
75 100
77 156.3 0.0 379.2





#73
Bromobenzene
Concen: 5.063 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



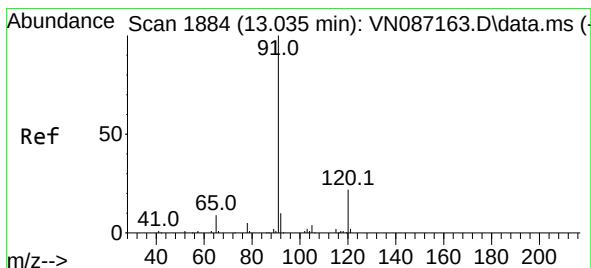
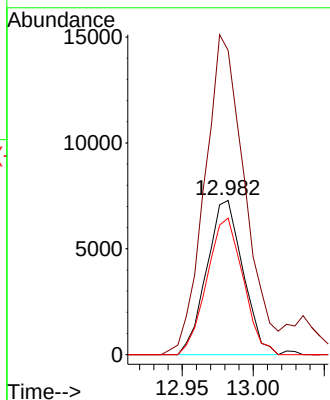
Tgt Ion:156 Resp: 1291
Ion Ratio Lower Upper
156 100
77 229.3 0.0 489.0
158 88.4 0.0 195.2

Manual Integrations
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Reviewed By :John
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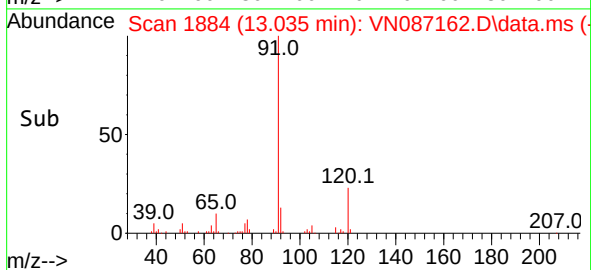
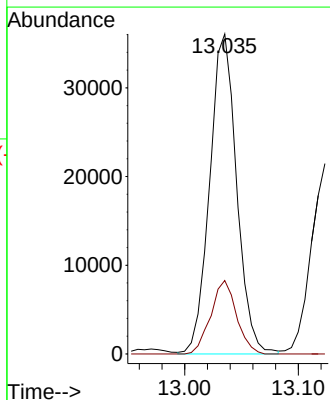
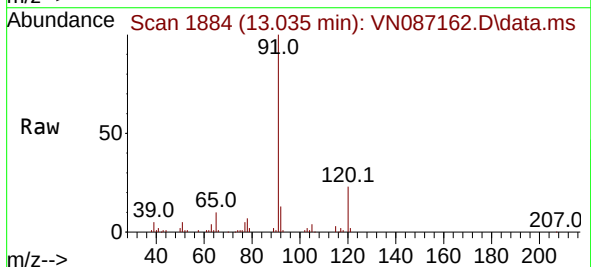
06/25/2025
Supervised By :Mahesh
Dadoda

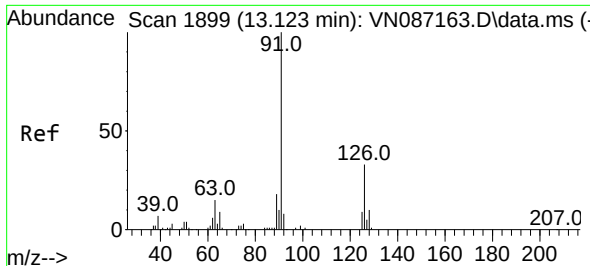
06/26/2025



#74
n-propylbenzene
Concen: 4.902 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

Tgt Ion: 91 Resp: 59601
Ion Ratio Lower Upper
91 100
120 21.9 0.0 43.6





#75
2-Chlorotoluene
Concen: 4.877 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

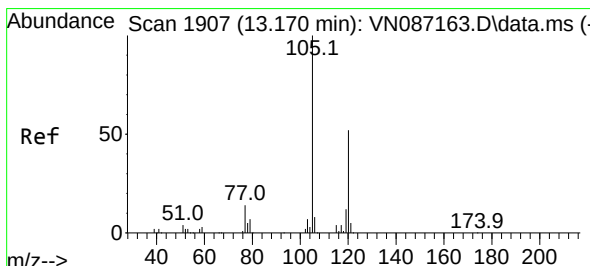
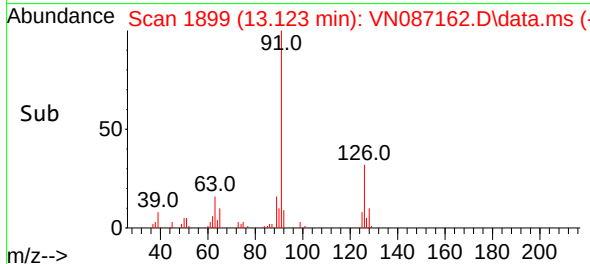
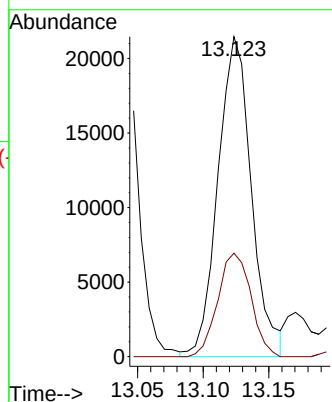
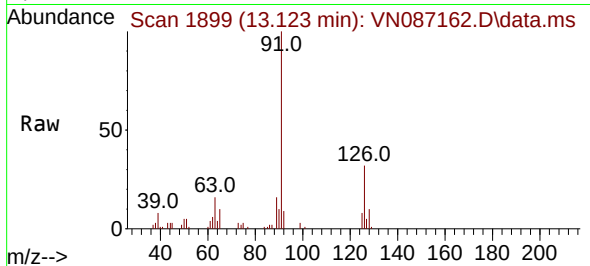
Tgt Ion: 91 Resp: 3806
Ion Ratio Lower Upper
91 100
126 32.1 0.0 63.8

Manual Integrations
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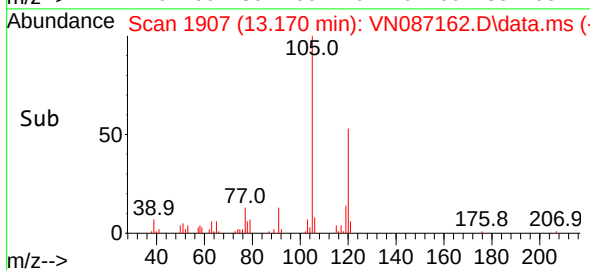
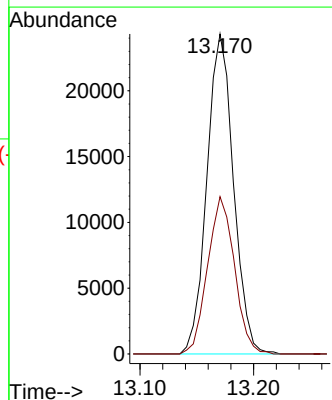
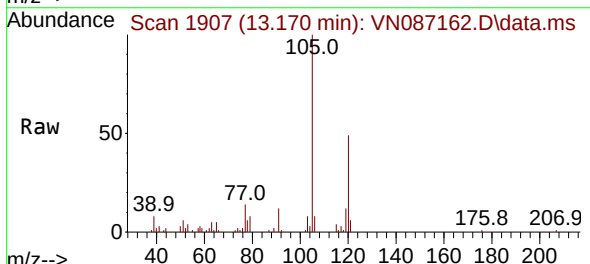
06/25/2025
Supervised By :Mahesh
Dadoda

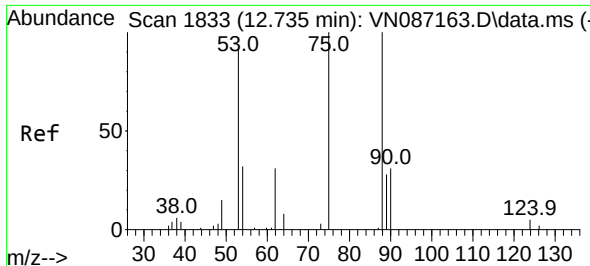
06/26/2025



#76
1,3,5-Trimethylbenzene
Concen: 4.636 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

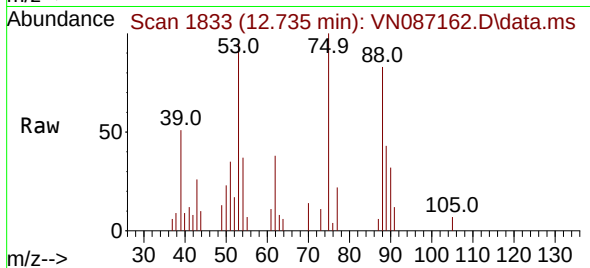
Tgt Ion:105 Resp: 39593
Ion Ratio Lower Upper
105 100
120 49.6 0.0 100.8





#77
t-1,4-Dichloro-2-butene
Concen: 5.549 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



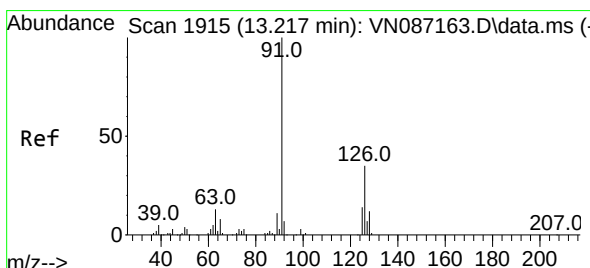
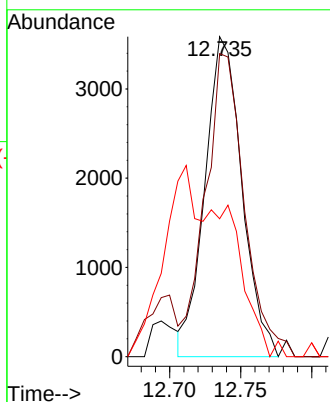
Tgt Ion: 75 Resp: 649
Ion Ratio Lower Upper
75 100
53 89.0 45.9 137.6
89 38.2 22.3 66.9

Manual Integrations
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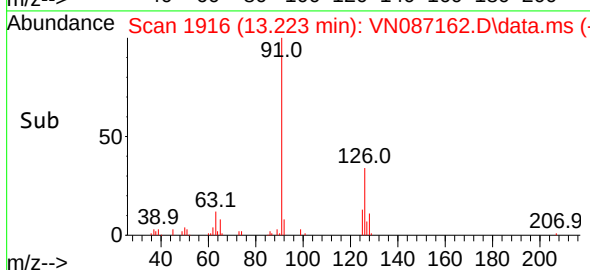
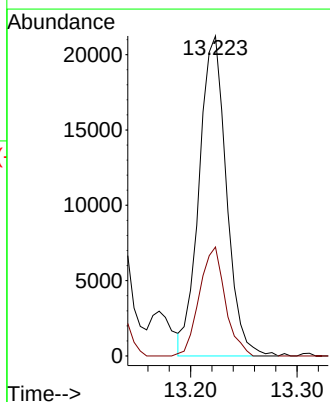
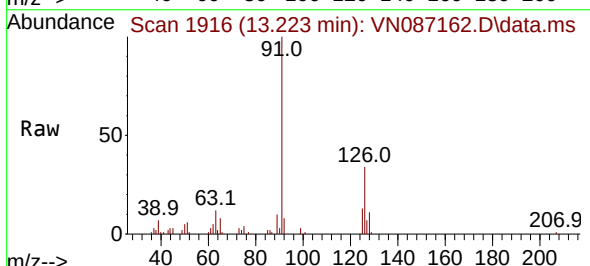
06/25/2025
Supervised By :Mahesh
Dadoda

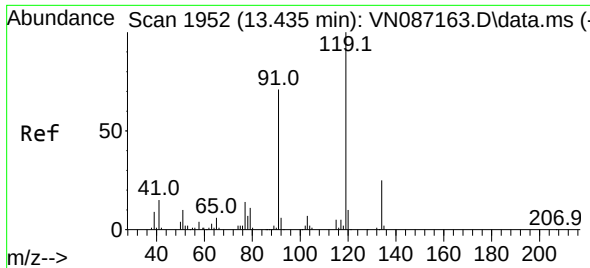
06/26/2025



#78
4-Chlorotoluene
Concen: 4.899 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.006 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

Tgt Ion: 91 Resp: 37874
Ion Ratio Lower Upper
91 100
126 32.2 0.0 65.2





#79
tert-butylbenzene
Concen: 4.309 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

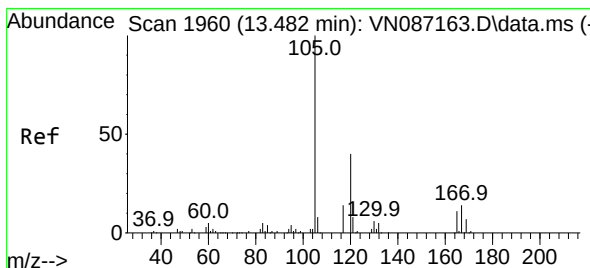
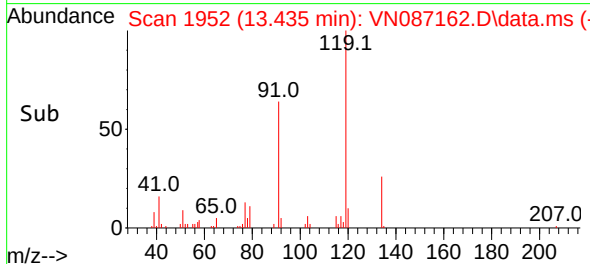
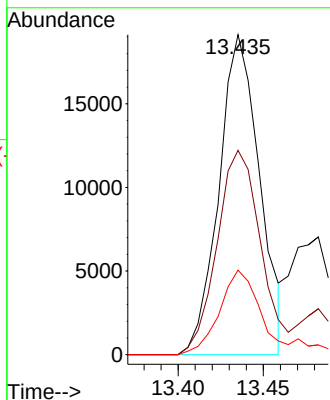
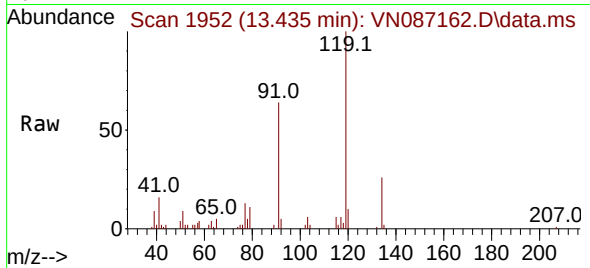
Tgt Ion:119 Resp: 31810
Ion Ratio Lower Upper
119 100
91 68.6 0.0 137.0
134 26.1 0.0 49.4

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Reviewed By :John
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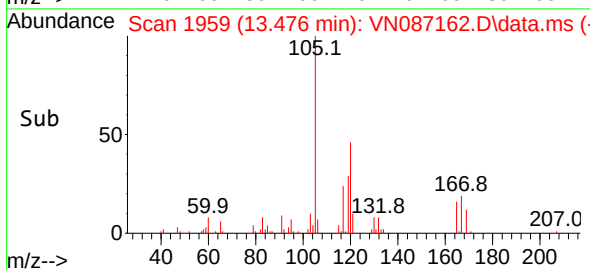
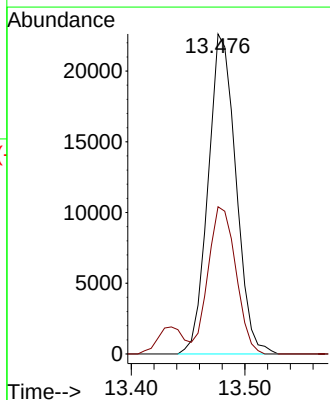
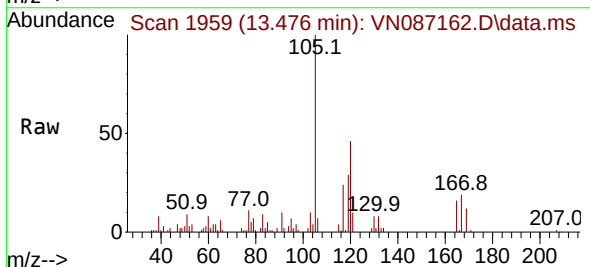
06/25/2025
Supervised By :Mahesh
Dadoda

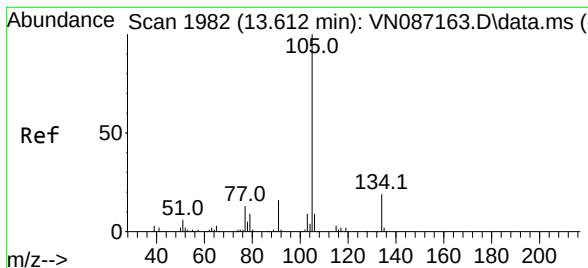
06/26/2025



#80
1,2,4-Trimethylbenzene
Concen: 4.486 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.006 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

Tgt Ion:105 Resp: 38448
Ion Ratio Lower Upper
105 100
120 45.8 0.0 94.0





#81
 sec-Butylbenzene
 Concen: 4.864 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN087162.D
 Acq: 25 Jun 2025 08:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

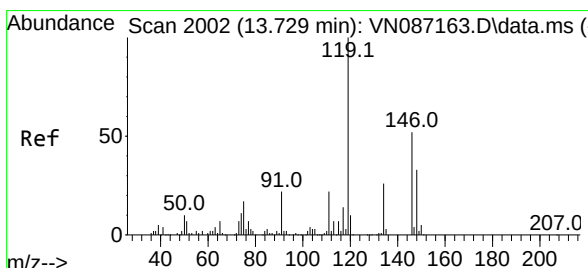
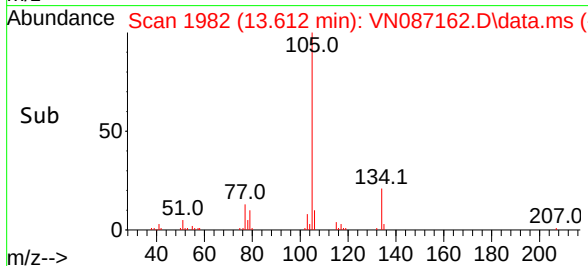
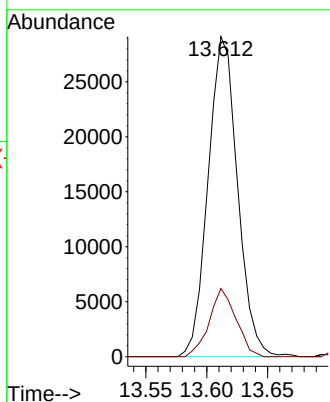
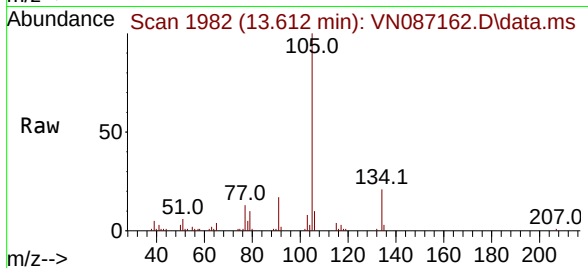
Tgt Ion:105 Resp: 48920
 Ion Ratio Lower Upper
 105 100
 134 19.3 0.0 39.4

Manual Integrations
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Reviewed By :John
 Carlone

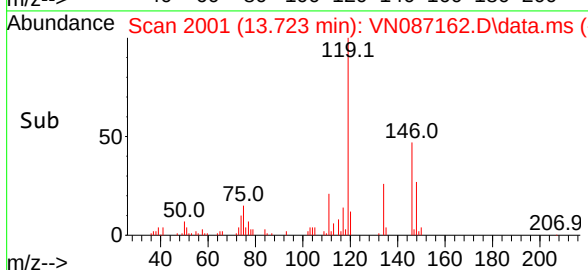
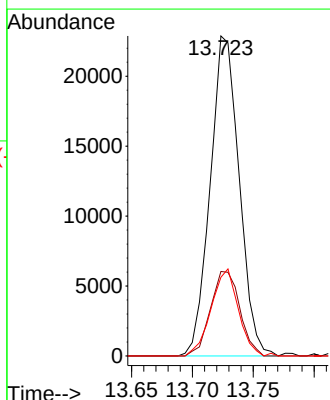
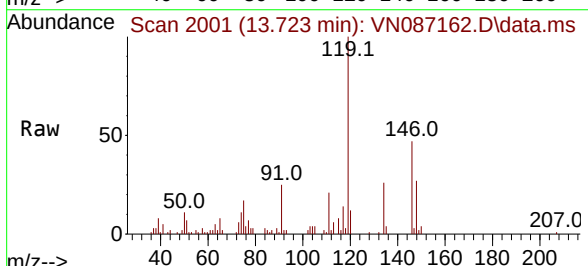
06/25/2025
 Supervised By :Mahesh
 Dadoda

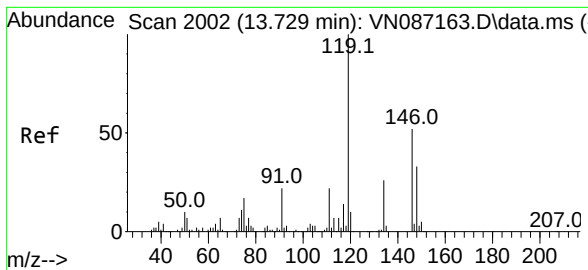
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#82
 p-Isopropyltoluene
 Concen: 4.499 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.006 min
 Lab File: VN087162.D
 Acq: 25 Jun 2025 08:59

Tgt Ion:119 Resp: 37999
 Ion Ratio Lower Upper
 119 100
 134 26.7 0.0 51.2
 91 25.4 0.0 46.4





#83
 1,3-Dichlorobenzene
 Concen: 5.185 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN087162.D
 Acq: 25 Jun 2025 08:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

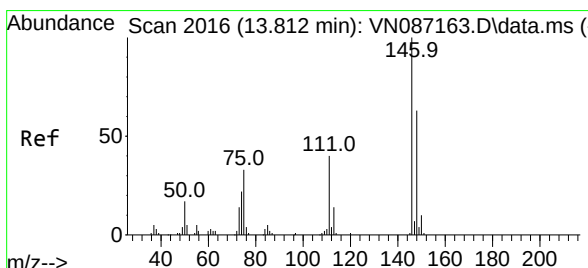
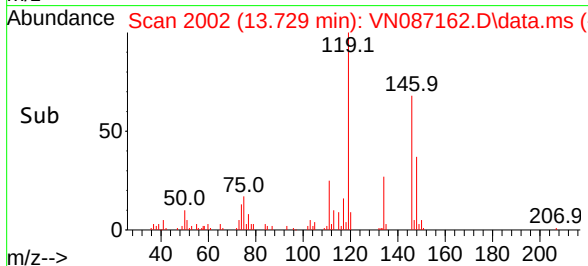
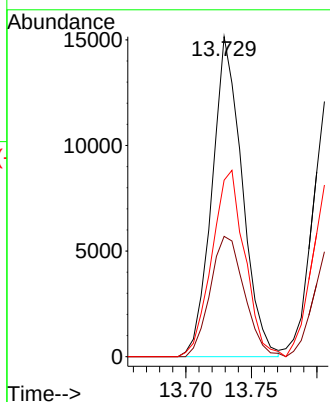
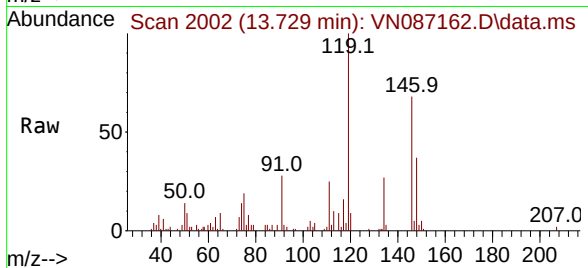
Tgt Ion:146 Resp: 2427
 Ion Ratio Lower Upper
 146 100
 111 42.4 21.1 63.3
 148 63.4 31.6 94.8

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Reviewed By :John
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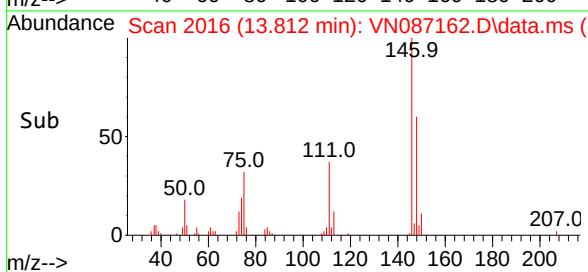
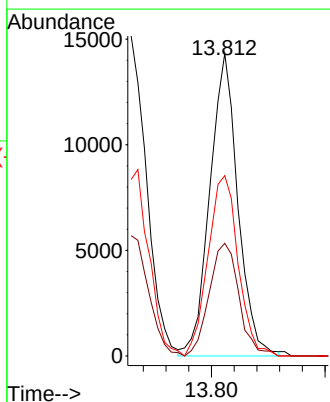
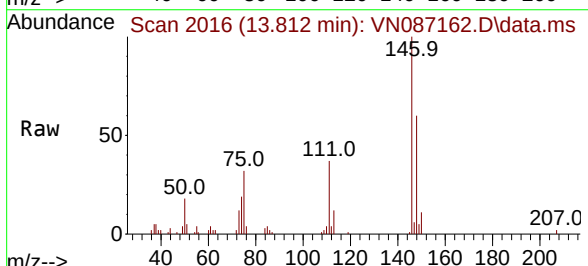
06/25/2025
 Supervised By :Mahesh
 Dadoda

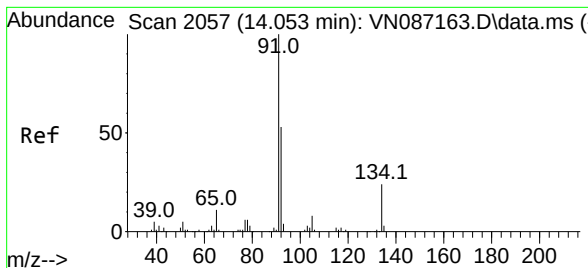
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#84
 1,4-Dichlorobenzene
 Concen: 5.276 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN087162.D
 Acq: 25 Jun 2025 08:59

Tgt Ion:146 Resp: 24573
 Ion Ratio Lower Upper
 146 100
 111 39.2 20.1 60.2
 148 63.9 31.4 94.2





#85
n-Butylbenzene
Concen: 4.908 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

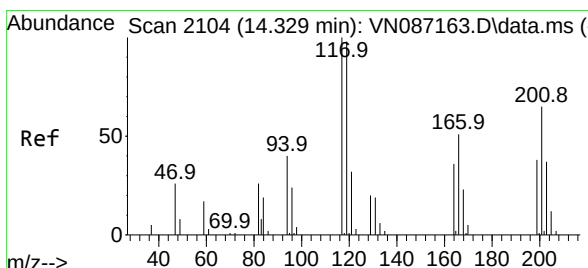
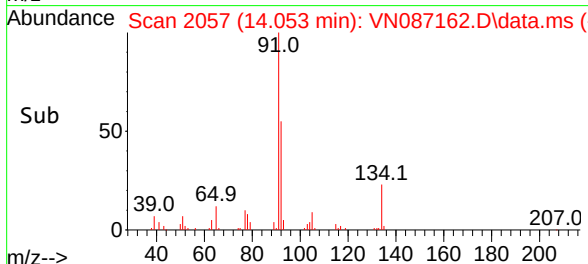
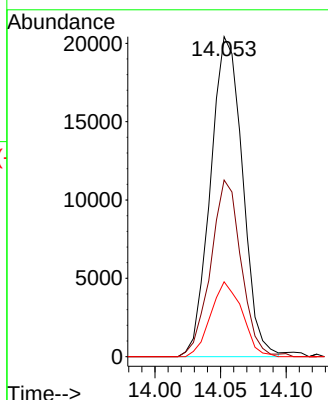
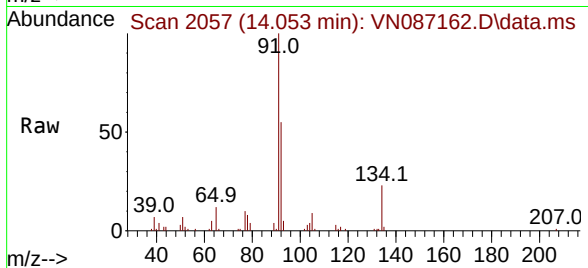
Tgt Ion: 91 Resp: 34704
Ion Ratio Lower Upper
91 100
92 52.2 0.0 106.4
134 22.9 0.0 48.8

Manual Integrations
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Reviewed By :John
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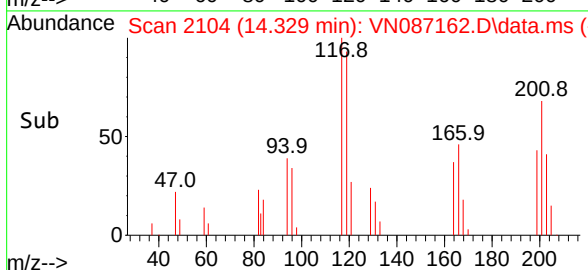
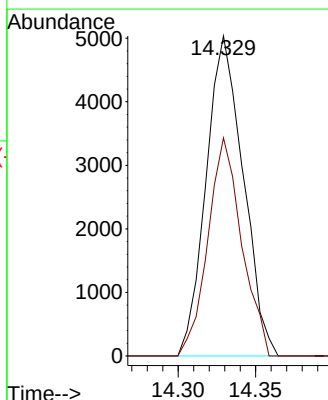
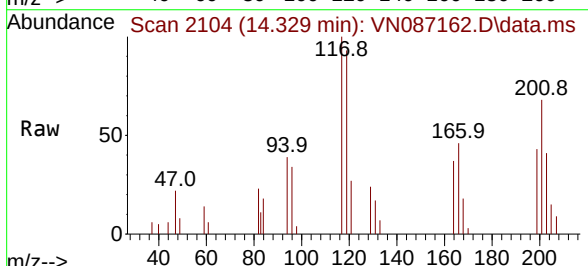
06/25/2025
Supervised By :Mahesh
Dadoda

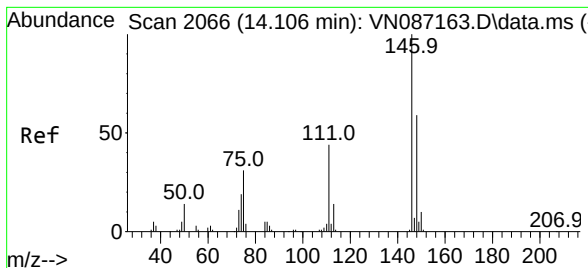
06/26/2025



#86
Hexachloroethane
Concen: 5.811 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

Tgt Ion:117 Resp: 8365
Ion Ratio Lower Upper
117 100
201 62.3 30.8 92.3





#87

1,2-Dichlorobenzene

Concen: 4.947 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN087162.D

Acq: 25 Jun 2025 08:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

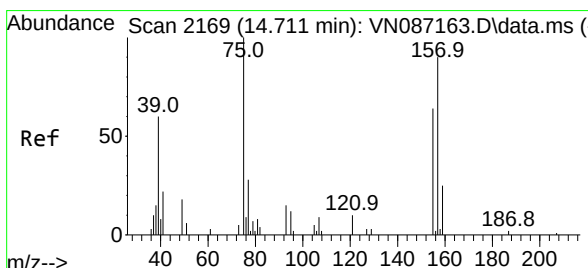
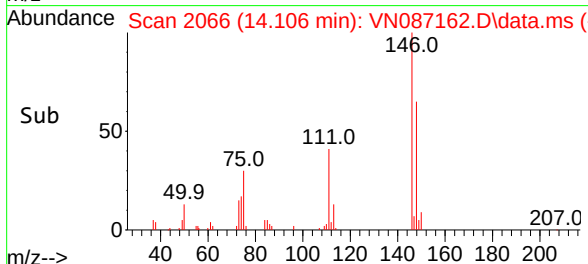
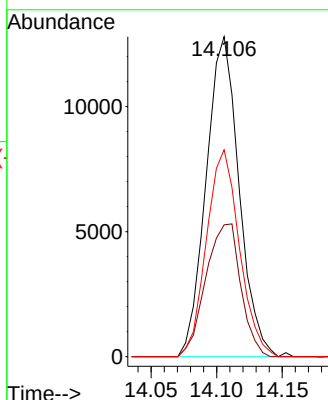
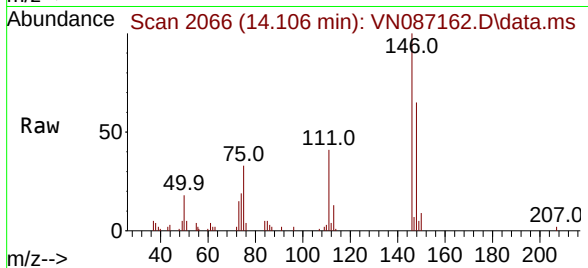
Tgt Ion:	146	Resp:	2233
Ion	Ratio	Lower	Upper
146	100		
111	44.0	22.1	66.1
148	64.6	31.6	95.0

Manual Integrations
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Reviewed By :John
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Dadoda

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#88

1,2-Dibromo-3-Chloropropane

Concen: 7.857 ug/l

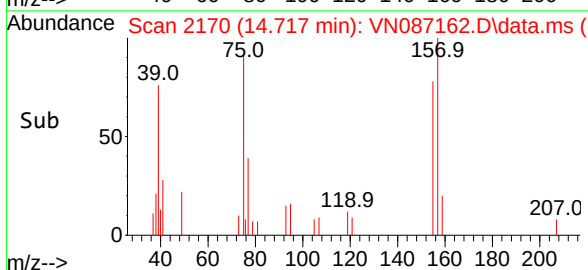
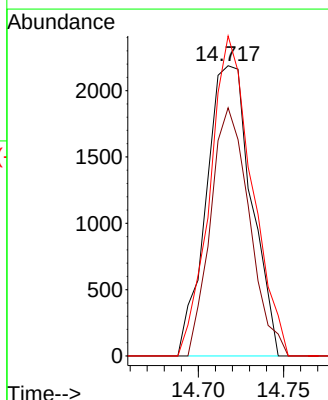
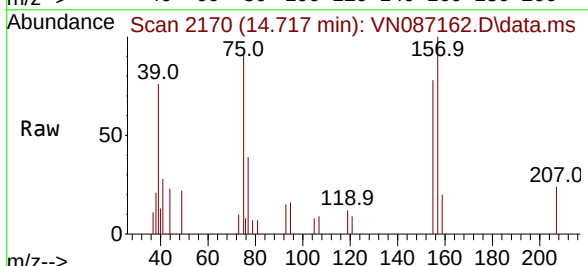
RT: 14.717 min Scan# 2170

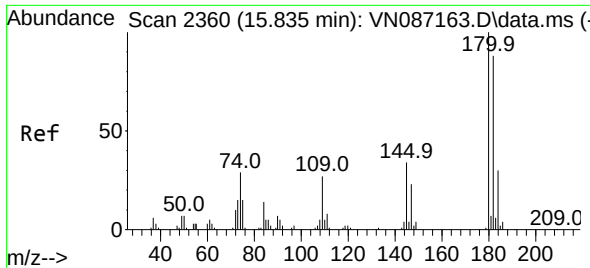
Delta R.T. 0.006 min

Lab File: VN087162.D

Acq: 25 Jun 2025 08:59

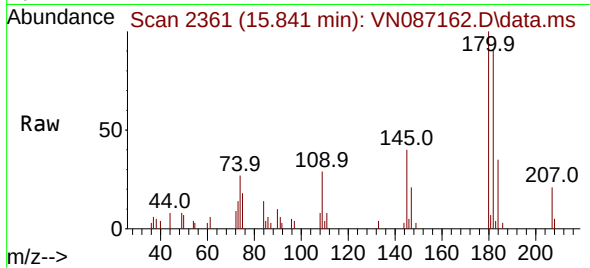
Tgt Ion:	75	Resp:	4038
Ion	Ratio	Lower	Upper
75	100		
155	73.7	58.3	87.5
157	102.6	79.2	118.8





#89
 1,2,4-Trichlorobenzene
 Concen: 6.563 ug/l
 RT: 15.841 min Scan# 2361
 Delta R.T. 0.006 min
 Lab File: VN087162.D
 Acq: 25 Jun 2025 08:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



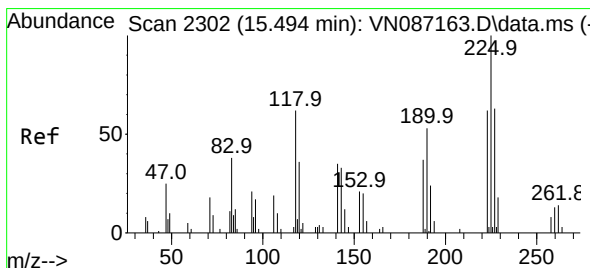
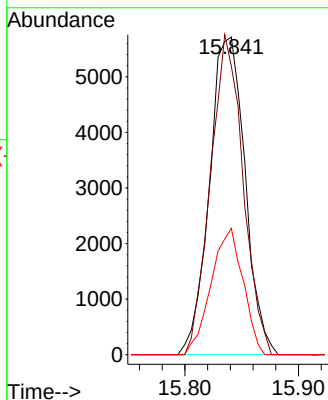
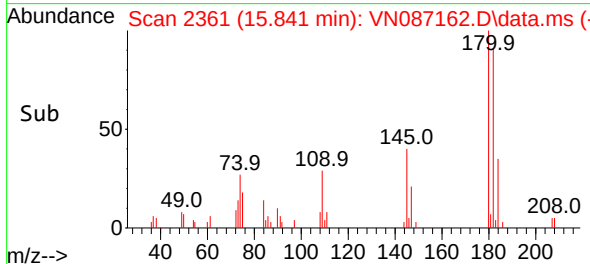
Tgt Ion:180 Resp: 1240
 Ion Ratio Lower Upper
 180 100
 182 92.2 74.2 111.2
 145 35.8 27.6 41.4

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Reviewed By :John
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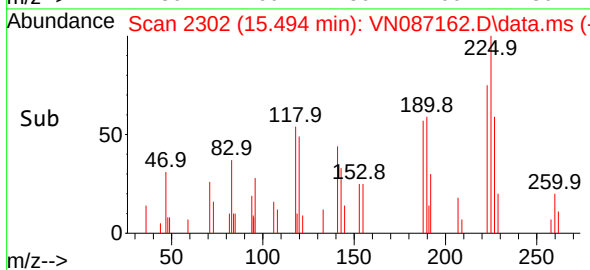
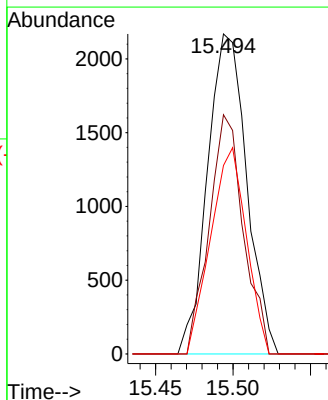
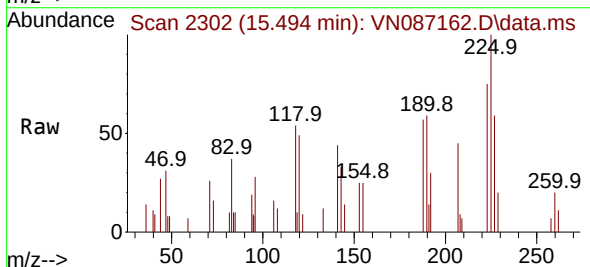
06/25/2025
 Supervised By :Mahesh
 Dadoda

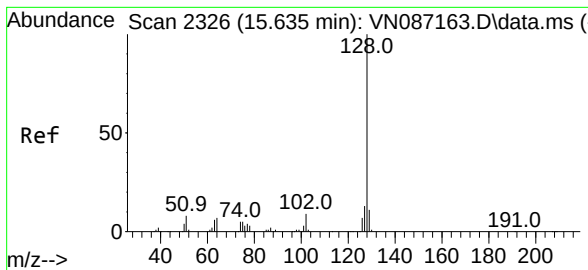
06/26/2025



#90
 Hexachlorobutadiene
 Concen: 4.711 ug/l
 RT: 15.494 min Scan# 2302
 Delta R.T. 0.000 min
 Lab File: VN087162.D
 Acq: 25 Jun 2025 08:59

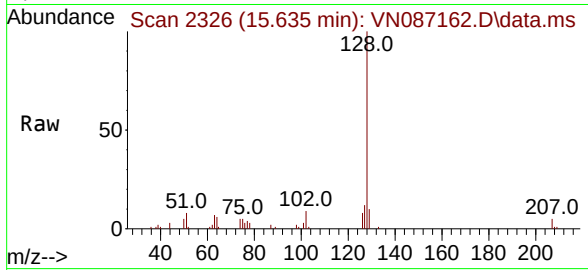
Tgt Ion:225 Resp: 3815
 Ion Ratio Lower Upper
 225 100
 223 65.3 0.0 134.2
 227 58.6 0.0 122.6





#91
Naphthalene
Concen: 6.710 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



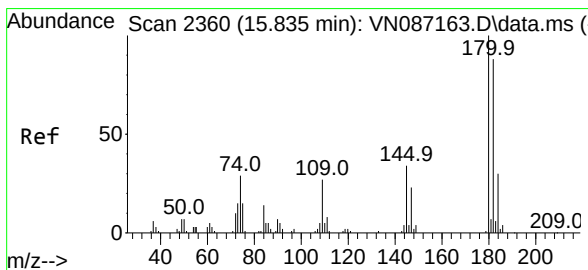
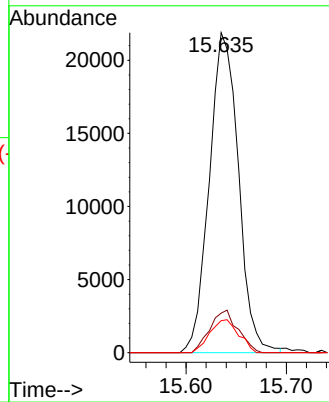
Tgt Ion:128 Resp: 4423
Ion Ratio Lower Upper
128 100
127 12.8 10.6 15.8
129 10.2 8.8 13.2

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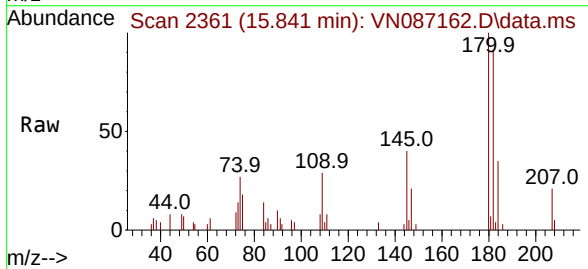
Reviewed By :John
Carlone

06/25/2025
Supervised By :Mahesh
Dadoda

06/26/2025



#92
1,2,3-Trichlorobenzene
Concen: 6.563 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59



Tgt Ion:180 Resp: 12402
Ion Ratio Lower Upper
180 100
182 92.2 0.0 185.4
145 35.8 0.0 69.0

