

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081825\
 Data File : VN087597.D
 Acq On : 18 Aug 2025 10:39
 Operator : JC\MD
 Sample : VN0818WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0818WBSD01

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Aug 19 01:10:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 06 02:01:21 2025
 Response via : Initial Calibration

08/19/2025
 Supervised By :Mahesh
 Dadoda

08/20/2025

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

Internal Standards						
1) Bromochloromethane	7.794	128	61980	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	351353	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	310931	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.565	65	168562	29.486	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	98.300%
60) 4-Bromofluorobenzene	12.829	95	154270	28.831	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	96.100%
63) Toluene-d8	10.547	98	424585	29.677	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.933%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	77926	19.257	ug/l	97
3) Chloromethane	2.383	50	74803	18.017	ug/l	94
4) Vinyl Chloride	2.542	62	81829	18.583	ug/l	98
5) Bromomethane	2.977	94	31773	13.330	ug/l #	77
6) Chloroethane	3.136	64	55862	19.673	ug/l	97
7) Trichlorofluoromethane	3.512	101	126427	19.949	ug/l	100
8) Diethyl Ether	3.959	74	51880	19.650	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.359	101	67984	21.036	ug/l	65
10) 1,1-Dichloroethene	4.336	96	69023	20.333	ug/l	98
11) Methyl Iodide	4.583	142	47583	17.802	ug/l	95
12) Methyl Acetate	5.018	43	123904	19.779	ug/l #	88
13) Acrolein	4.177	56	44979	47.011	ug/l	97
14) Acrylonitrile	5.706	53	252832	92.430	ug/l	98
15) Acetone	4.430	58	82979	106.169	ug/l	89
16) Carbon Disulfide	4.700	76	196852	18.695	ug/l	100
17) Allyl chloride	5.006	41	107862	15.589	ug/l	98
18) Methylene Chloride	5.265	84	80805	18.491	ug/l	87
19) trans-1,2-Dichloroethene	5.777	96	72827	18.041	ug/l	96
20) Diisopropyl ether	6.659	45	268713	17.048	ug/l	97
21) 1,1-Dichloroethane	6.553	63	144662	17.755	ug/l	98
22) cis-1,2-Dichloroethene	7.471	96	87968	17.711	ug/l	99
23) tert-Butyl Alcohol	5.524	59	105664	90.906	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	284424	18.388	ug/l	96
25) Chloroform	7.947	83	151920	17.863	ug/l	100
26) Cyclohexane	8.241	56	123852	18.986	ug/l #	99
29) 1,1-Dichloropropene	8.353	75	104689	18.268	ug/l	98
30) 2-Butanone	7.471	43	371747	88.006	ug/l	98
31) 2,2-Dichloropropane	7.477	77	130523	17.660	ug/l #	82
32) 1,1,1-Trichloroethane	8.153	97	134965	18.466	ug/l	93
33) Carbon Tetrachloride	8.347	117	111683	18.394	ug/l	98
34) Benzene	8.588	78	317782	17.567	ug/l	99
35) Methacrylonitrile	7.765	41	76749	16.837	ug/l	93
36) 1,2-Dichloroethane	8.653	62	127575	17.449	ug/l	100
37) Trichloroethene	9.329	130	74460	18.686	ug/l	88
38) Methylcyclohexane	9.582	83	122949	18.494	ug/l	99
39) 1,2-Dichloropropane	9.600	63	81585	17.590	ug/l	99
40) Dibromomethane	9.688	93	60461	17.374	ug/l	95
41) Bromodichloromethane	9.871	83	125125	17.304	ug/l #	98
42) Vinyl Acetate	6.594	43	1185689	85.235	ug/l	98

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.547	43	141039	17.283	ug/l	95
44) Isopropyl Acetate	8.671	43	234275	16.936	ug/l	98
45) 1,4-Dioxane	9.682	88	34191	387.722	ug/l	99
46) Methyl methacrylate	9.665	41	109176	16.720	ug/l	91
47) n-amyl Acetate	12.529	43	126529m	16.558	ug/l	
48) t-1,3-Dichloropropene	10.818	75	130700	16.614	ug/l	98
49) cis-1,3-Dichloropropene	10.294	75	135014	17.053	ug/l	97
50) 1,1,2-Trichloroethane	10.994	97	80093	18.217	ug/l	94
51) Ethyl methacrylate	10.853	69	135754	17.532	ug/l	91
52) 1,3-Dichloropropane	11.141	76	140443	17.730	ug/l	98
53) Dibromochloromethane	11.341	129	87438	17.220	ug/l	99
54) 1,2-Dibromoethane	11.447	107	84916	18.193	ug/l	99
55) 2-Chloroethyl vinyl ether	10.141	63	363591	89.196	ug/l	99
56) Bromoform	12.559	173	55564	16.544	ug/l #	99
58) 4-Methyl-2-Pentanone	10.429	43	721024	90.144	ug/l	99
59) 2-Hexanone	11.176	43	471315	86.724	ug/l	100
61) Tetrachloroethene	11.082	164	60467	19.961	ug/l	97
62) Toluene	10.612	91	345500	18.004	ug/l	99
64) Chlorobenzene	11.870	112	216777	18.383	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.941	131	74040	17.858	ug/l	99
66) Ethyl Benzene	11.941	91	383950	17.950	ug/l	100
67) m/p-Xylenes	12.053	106	283956	36.167	ug/l	97
68) o-Xylene	12.376	106	136790	17.709	ug/l	97
69) Styrene	12.394	104	231079	17.521	ug/l	99
70) Isopropylbenzene	12.676	105	359719	18.331	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.917	83	124913	18.578	ug/l	99
72) 1,2,3-Trichloropropane	12.970	75	118482m	18.916	ug/l	
73) Bromobenzene	12.959	156	83683	18.395	ug/l	96
74) n-propylbenzene	13.012	91	453083	18.487	ug/l	100
75) 2-Chlorotoluene	13.106	91	267207	17.725	ug/l	98
76) 1,3,5-Trimethylbenzene	13.153	105	304513	18.123	ug/l	99
77) t-1,4-Dichloro-2-butene	12.723	75	23545	9.930	ug/l	89
78) 4-Chlorotoluene	13.200	91	278322	18.218	ug/l	98
79) tert-butylbenzene	13.417	119	261728	18.475	ug/l	98
80) 1,2,4-Trimethylbenzene	13.459	105	312997	18.643	ug/l	98
81) sec-Butylbenzene	13.594	105	387428	18.786	ug/l	99
82) p-Isopropyltoluene	13.706	119	323351	18.883	ug/l	100
83) 1,3-Dichlorobenzene	13.712	146	160385	18.514	ug/l	98
84) 1,4-Dichlorobenzene	13.788	146	166757	18.987	ug/l	98
85) n-Butylbenzene	14.035	91	319419	19.066	ug/l	97
86) Hexachloroethane	14.311	117	53120	15.886	ug/l	96
87) 1,2-Dichlorobenzene	14.088	146	156074	18.875	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.700	75	30197	17.728	ug/l	93
89) 1,2,4-Trichlorobenzene	15.811	180	91292	18.473	ug/l	99
90) Hexachlorobutadiene	15.476	225	35687	18.571	ug/l	95
91) Naphthalene	15.617	128	348710	18.506	ug/l	99
92) 1,2,3-Trichlorobenzene	15.811	180	91292	18.473	ug/l	99

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.794 min Scan# 994
Delta R.T. -0.006 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

Instrument :
MSVOA_N
ClientSampleId :
VN0818WBSD01

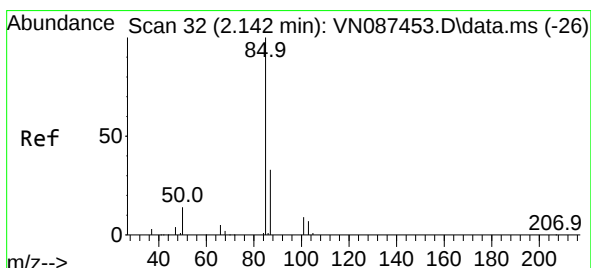
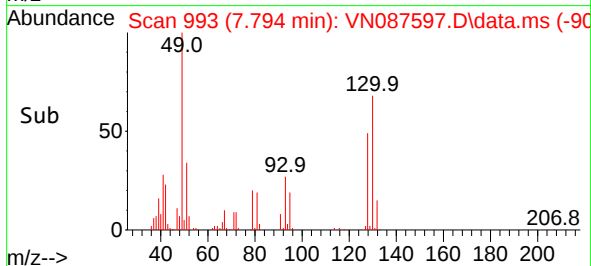
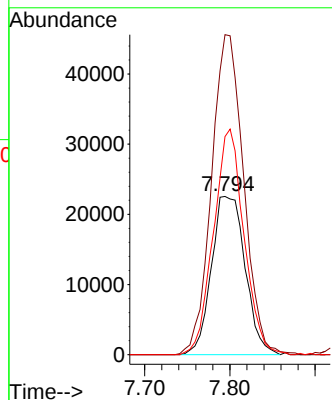
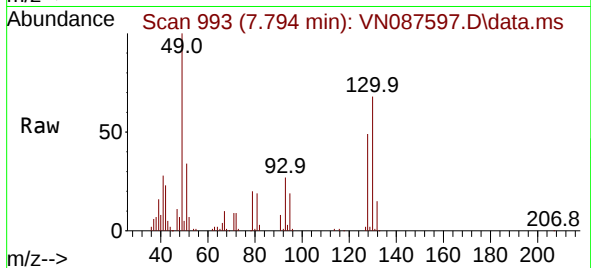
Tgt Ion:128 Resp: 61980
Ion Ratio Lower Upper
128 100
49 192.8 0.0 494.8
130 129.5 0.0 321.5

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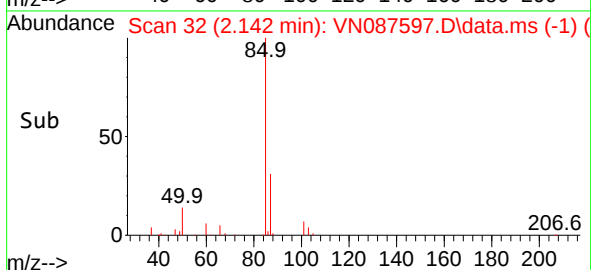
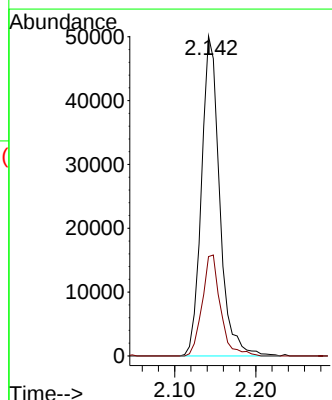
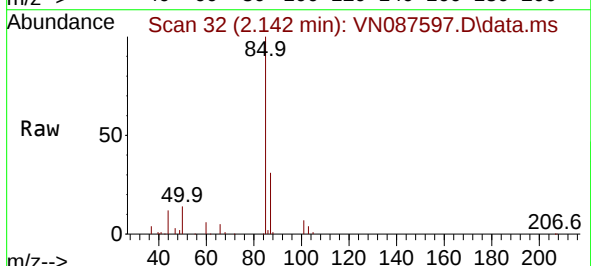
08/19/2025
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Dadoda

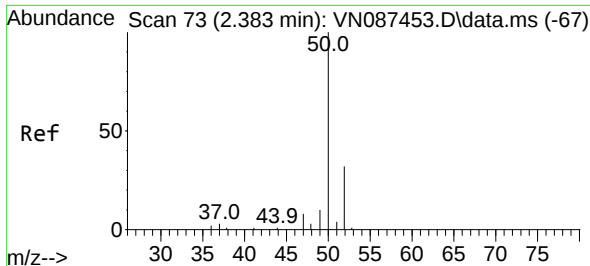
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#2
Dichlorodifluoromethane
Concen: 19.257 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

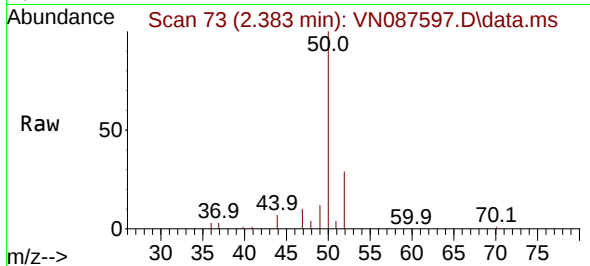
Tgt Ion: 85 Resp: 77926
Ion Ratio Lower Upper
85 100
87 31.1 16.4 49.2





#3
Chloromethane
Concen: 18.017 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

Instrument :
MSVOA_N
ClientSampleId :
VN0818WBSD01



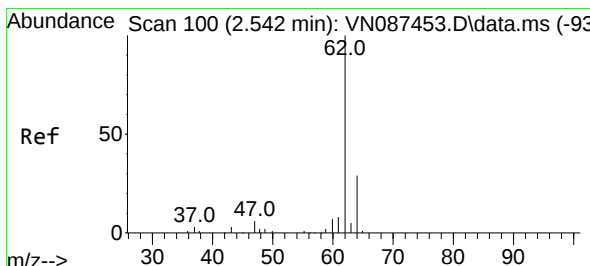
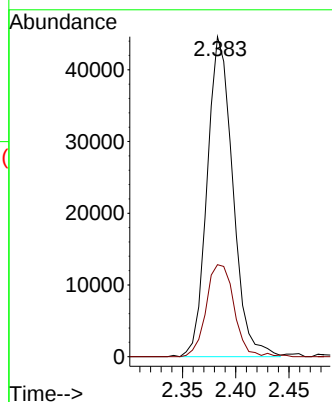
Tgt Ion: 50 Resp: 7480
Ion Ratio Lower Upper
50 100
52 28.8 25.8 38.6

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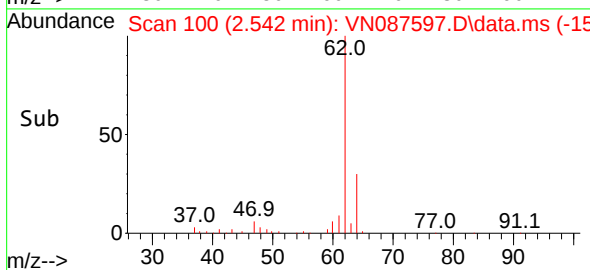
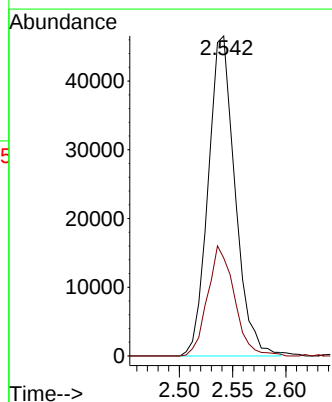
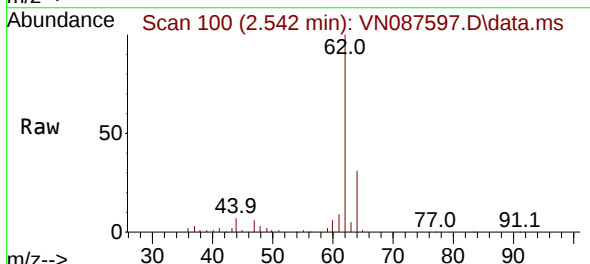
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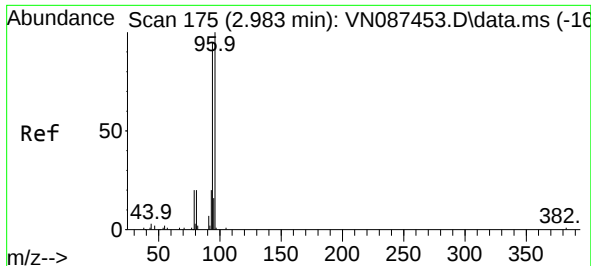
08/20/2025



#4
Vinyl Chloride
Concen: 18.583 ug/l
RT: 2.542 min Scan# 100
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

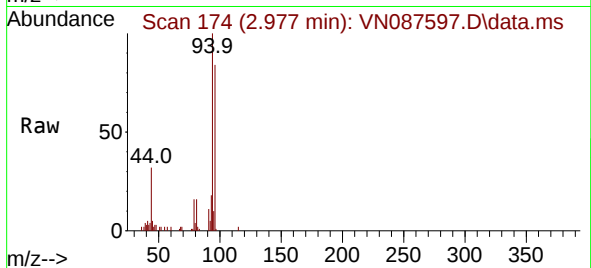
Tgt Ion: 62 Resp: 81829
Ion Ratio Lower Upper
62 100
64 30.6 23.4 35.2





#5
Bromomethane
Concen: 13.330 ug/l
RT: 2.977 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

Instrument :
MSVOA_N
ClientSampleId :
VN0818WBSD01



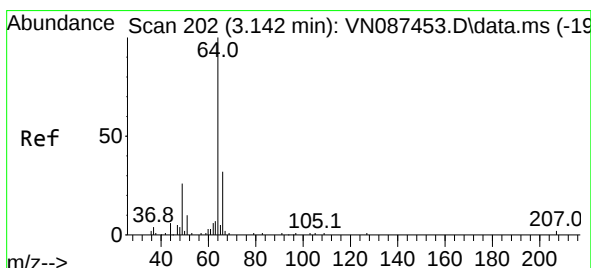
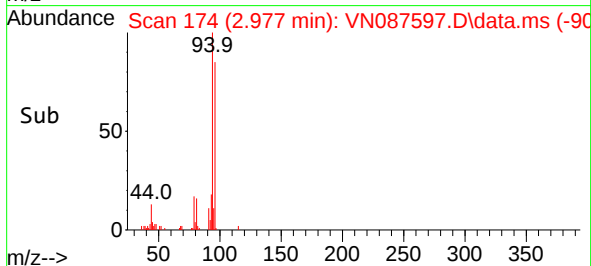
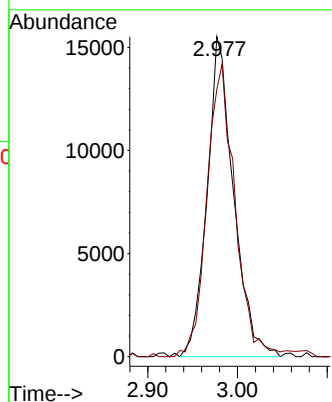
Tgt Ion: 94 Resp: 3177
Ion Ratio Lower Upper
94 100
96 82.1 84.2 126.4

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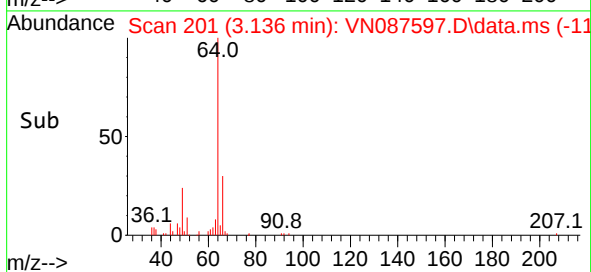
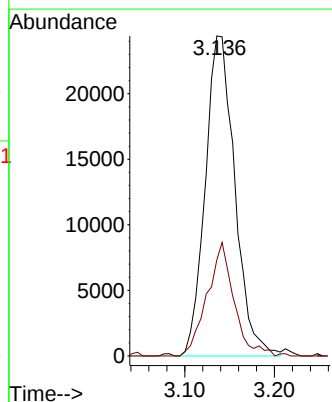
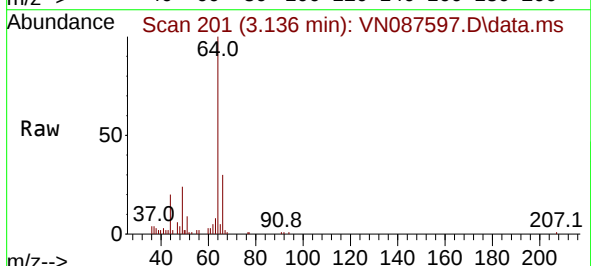
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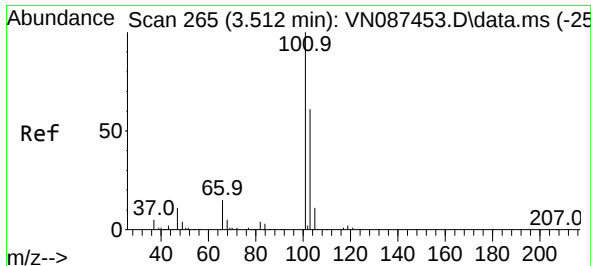
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#6
Chloroethane
Concen: 19.673 ug/l
RT: 3.136 min Scan# 201
Delta R.T. -0.006 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

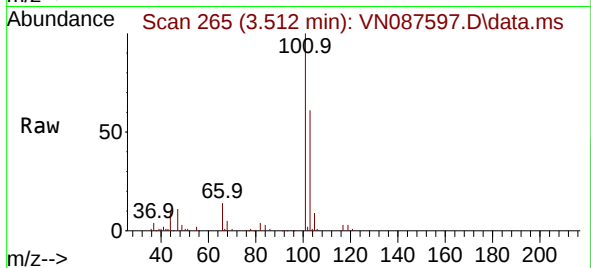
Tgt Ion: 64 Resp: 55862
Ion Ratio Lower Upper
64 100
66 30.0 25.4 38.0





#7
 Trichlorofluoromethane
 Concen: 19.949 ug/l
 RT: 3.512 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN087597.D
 Acq: 18 Aug 2025 10:39

Instrument :
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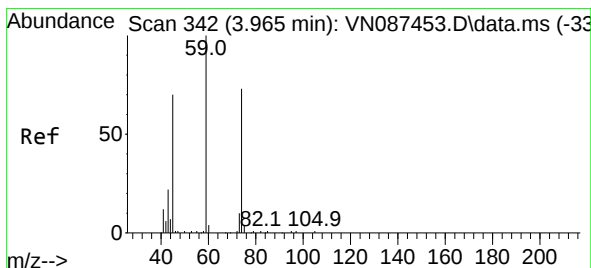
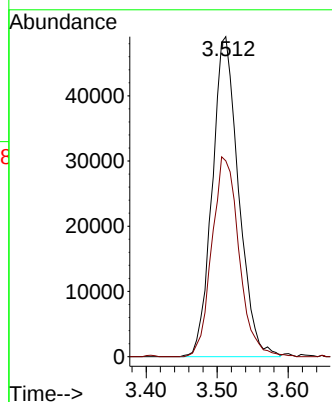
Tgt Ion:101 Resp: 12642
 Ion Ratio Lower Upper
 101 100
 103 61.2 49.2 73.8

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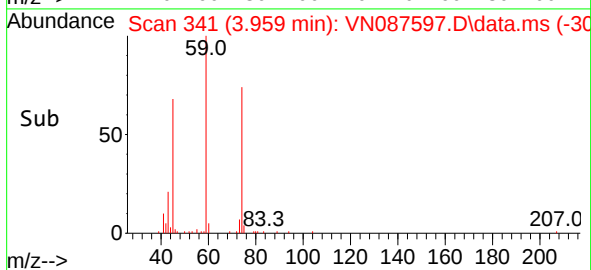
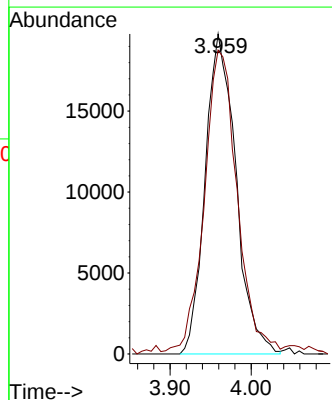
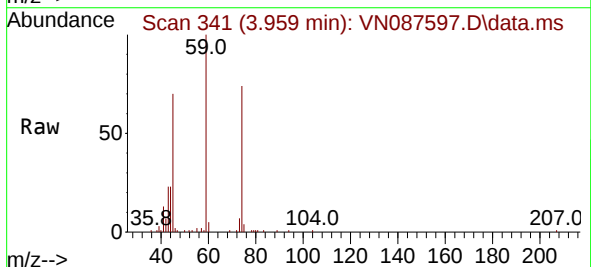
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#8
 Diethyl Ether
 Concen: 19.650 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN087597.D
 Acq: 18 Aug 2025 10:39

Tgt Ion: 74 Resp: 51880
 Ion Ratio Lower Upper
 74 100
 45 100.3 20.1 180.9





#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 21.036 ug/l
 RT: 4.359 min Scan# 409
 Delta R.T. -0.012 min
 Lab File: VN087597.D
 Acq: 18 Aug 2025 10:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0818WBSD01

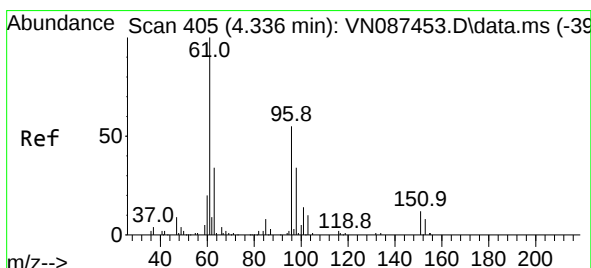
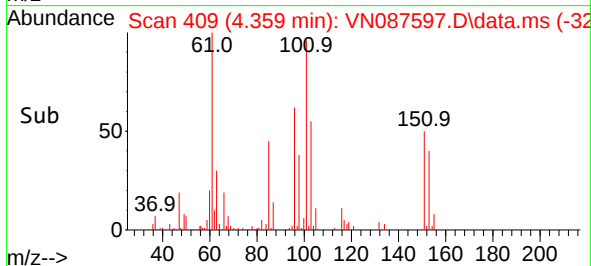
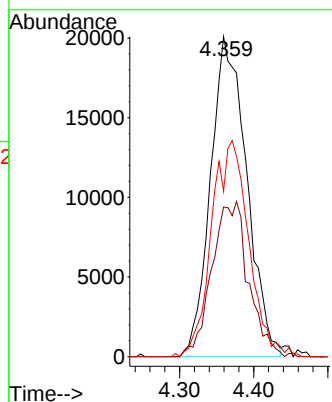
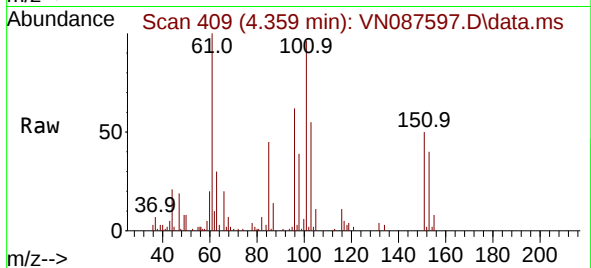
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 Ion Ratio Lower Upper
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 85 29.1 0.0 57.0
 151 27.1 0.0 134.2

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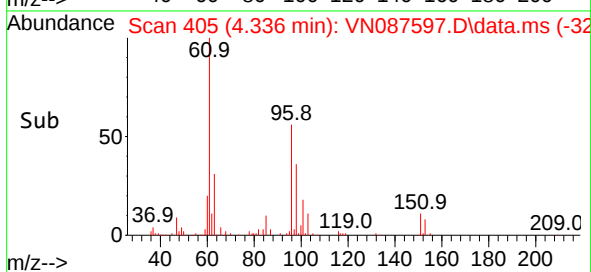
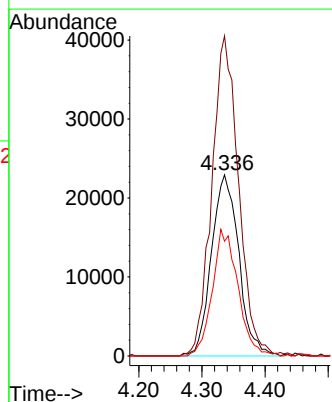
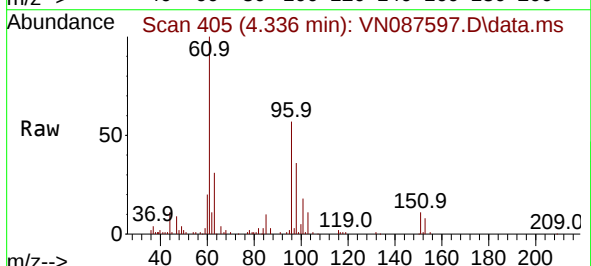
08/19/2025
 Supervised By :Mahesh
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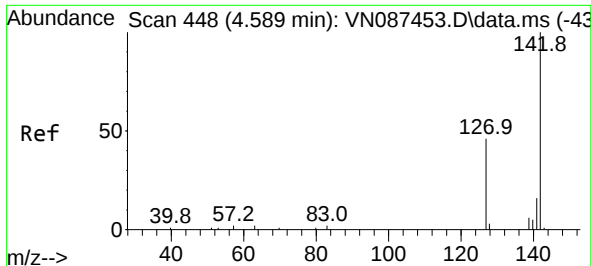
08/20/2025



#10
 1,1-Dichloroethene
 Concen: 20.333 ug/l
 RT: 4.336 min Scan# 405
 Delta R.T. -0.000 min
 Lab File: VN087597.D
 Acq: 18 Aug 2025 10:39

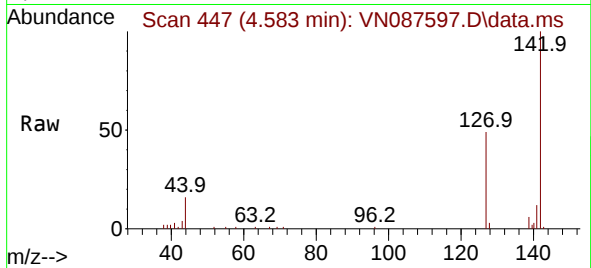
Tgt Ion: 96 Resp: 69023
 Ion Ratio Lower Upper
 96 100
 61 176.6 144.2 216.4
 98 63.3 49.7 74.5





#11
Methyl Iodide
Concen: 17.802 ug/l
RT: 4.583 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

Instrument :
MSVOA_N
ClientSampleId :
VN0818WBSD01



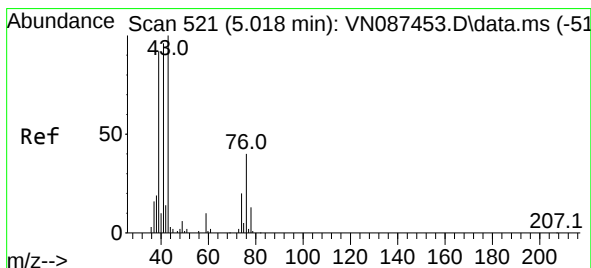
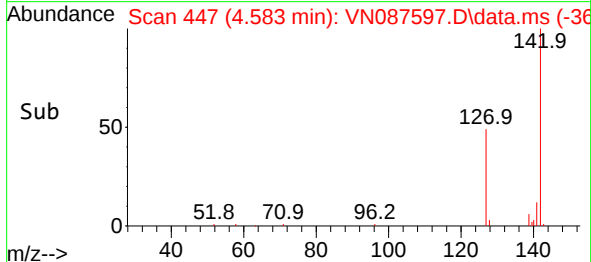
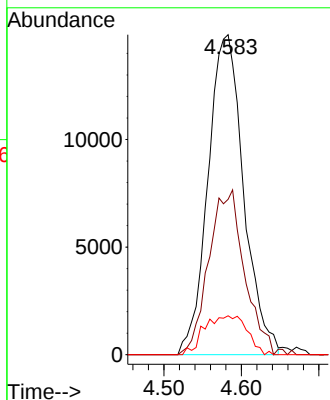
Tgt Ion:142 Resp: 47583
Ion Ratio Lower Upper
142 100
127 48.2 22.9 68.7
141 12.3 7.7 23.1

Manual Integrations
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Reviewed By :John
Carlone

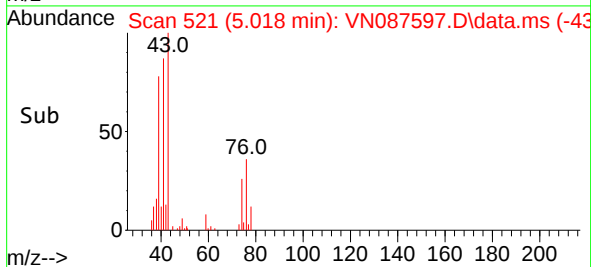
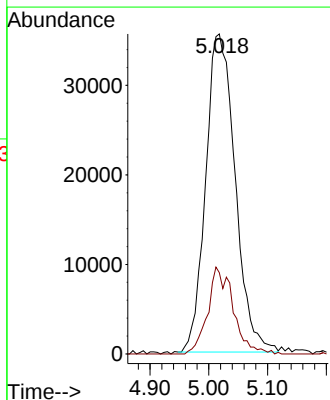
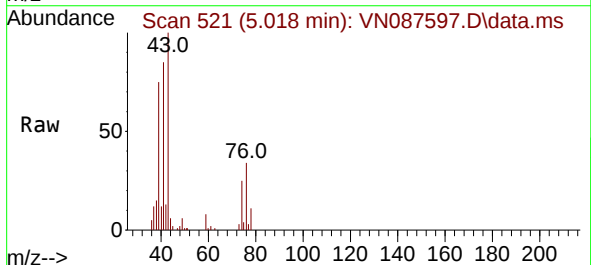
08/19/2025
Supervised By :Mahesh
Dadoda

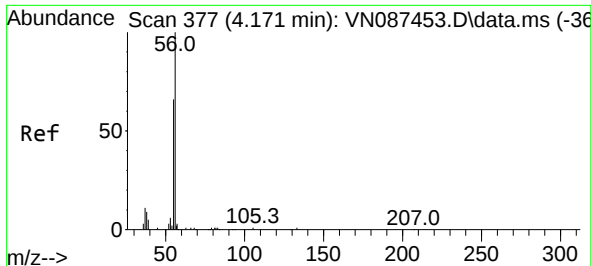
08/20/2025



#12
Methyl Acetate
Concen: 19.779 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

Tgt Ion: 43 Resp: 123904
Ion Ratio Lower Upper
43 100
74 25.3 16.0 24.0#





#13

Acrolein

Concen: 47.011 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN087597.D

Acq: 18 Aug 2025 10:39

Instrument :

MSVOA_N

ClientSampleId :

VN0818WBSD01

Tgt Ion: 56 Resp: 44979

Ion Ratio Lower Upper

56 100

55 68.9 57.4 86.0

Manual Integrations

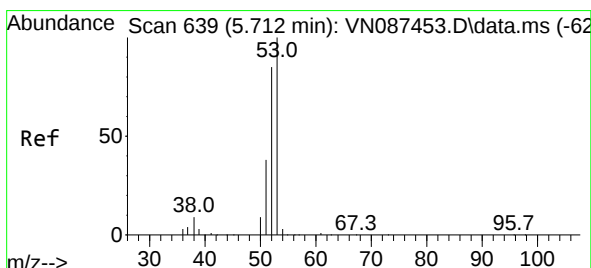
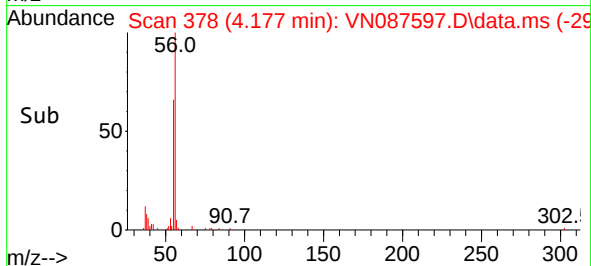
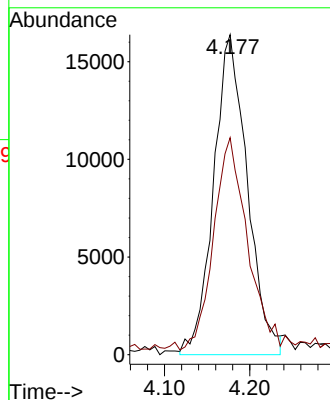
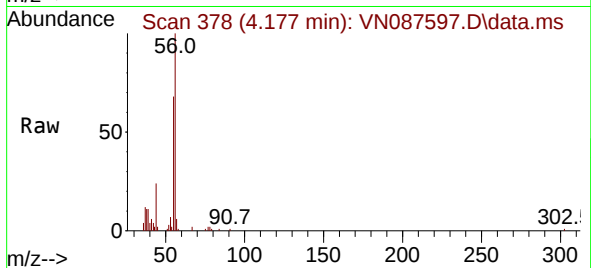
APPROVED

Reviewed By :John
Carlone

08/19/2025

Supervised By :Mahesh
Dadoda

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#14

Acrylonitrile

Concen: 92.430 ug/l

RT: 5.706 min Scan# 638

Delta R.T. -0.006 min

Lab File: VN087597.D

Acq: 18 Aug 2025 10:39

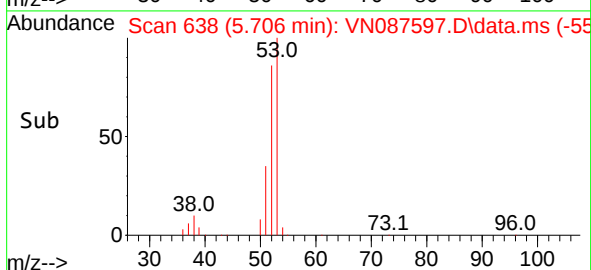
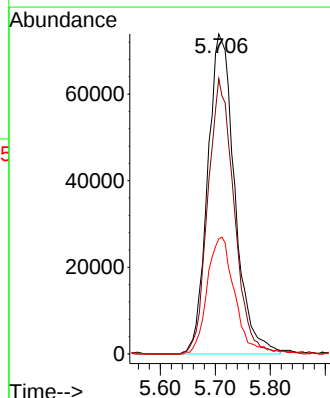
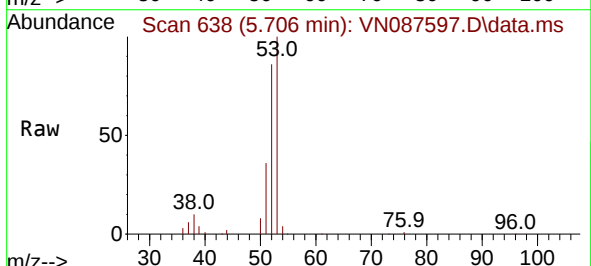
Tgt Ion: 53 Resp: 252832

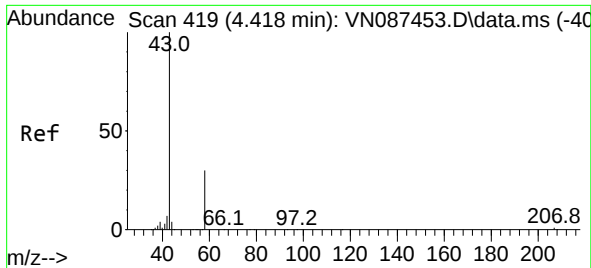
Ion Ratio Lower Upper

53 100

52 82.7 42.4 127.2

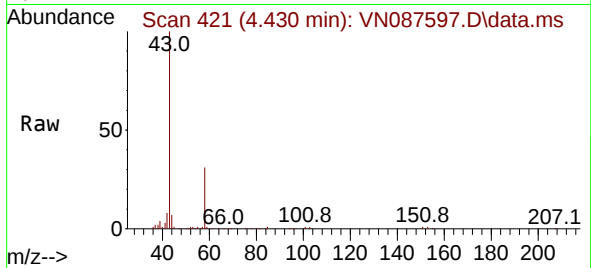
51 36.4 18.5 55.5





#15
Acetone
Concen: 106.169 ug/l
RT: 4.430 min Scan# 419
Delta R.T. 0.012 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

Instrument :
MSVOA_N
ClientSampleId :
VN0818WBSD01



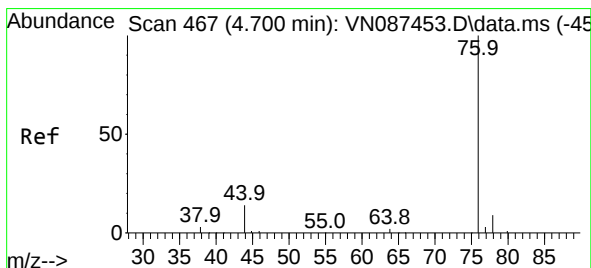
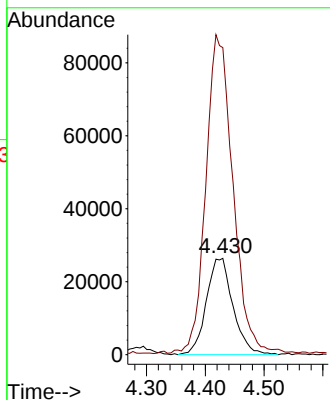
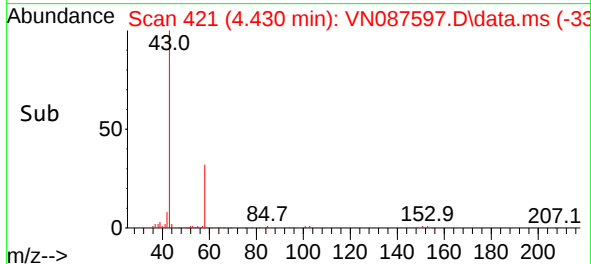
Tgt Ion: 58 Resp: 82979
Ion Ratio Lower Upper
58 100
43 313.8 268.9 403.3

Manual Integrations
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Reviewed By :John
Carlone

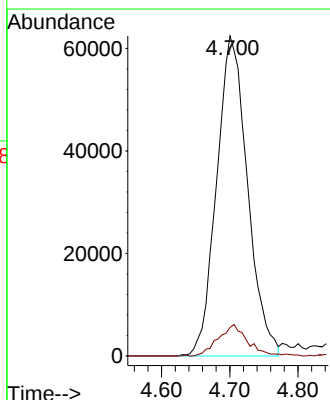
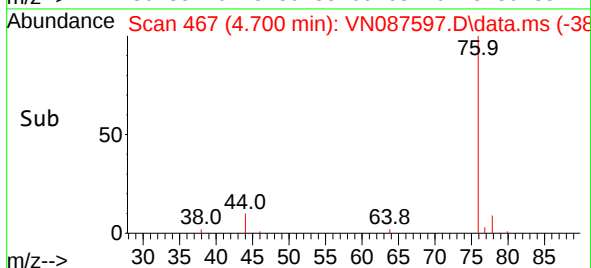
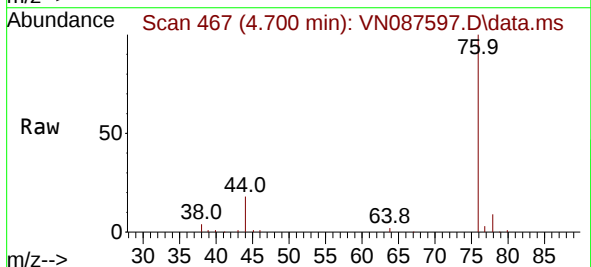
08/19/2025
Supervised By :Mahesh
Dadoda

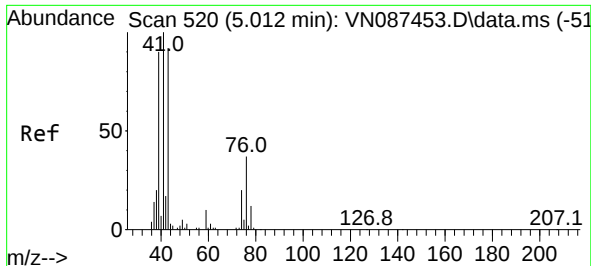
08/20/2025



#16
Carbon Disulfide
Concen: 18.695 ug/l
RT: 4.700 min Scan# 467
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

Tgt Ion: 76 Resp: 196852
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7





#17

Allyl chloride

Concen: 15.589 ug/l

RT: 5.006 min Scan# 51

Delta R.T. -0.006 min

Lab File: VN087597.D

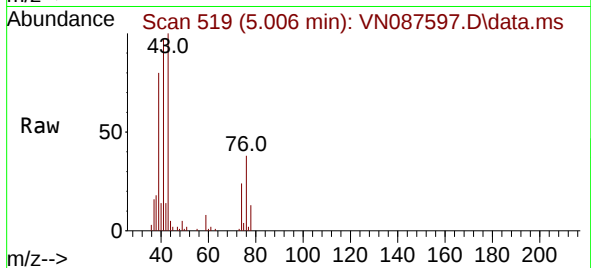
Acq: 18 Aug 2025 10:39

Instrument :

MSVOA_N

ClientSampleId :

VN0818WBSD01



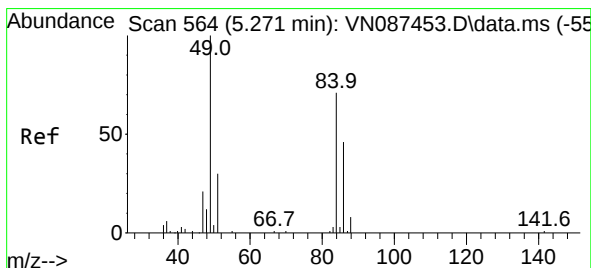
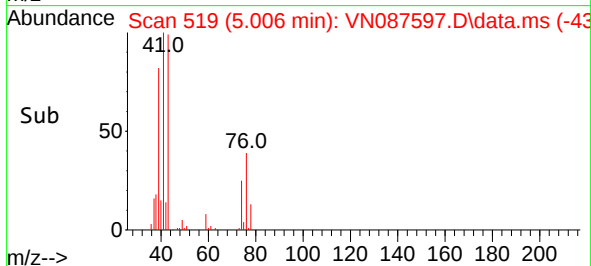
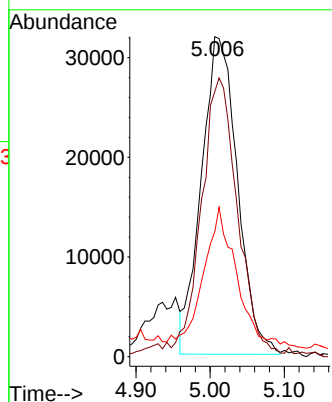
Tgt Ion:	41	Resp:	107862
Ion Ratio	Lower	Upper	
41	100		
39	82.8	42.4	127.2
76	35.5	16.9	50.6

Manual Integrations
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Reviewed By :John
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08/19/2025
Supervised By :Mahesh
Dadoda

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#18

Methylene Chloride

Concen: 18.491 ug/l

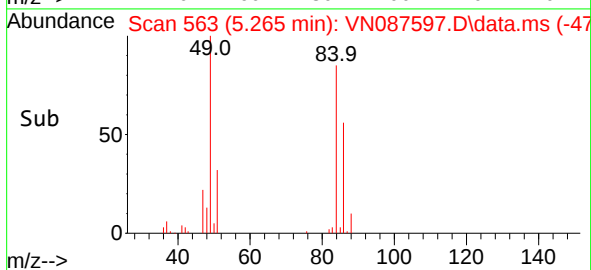
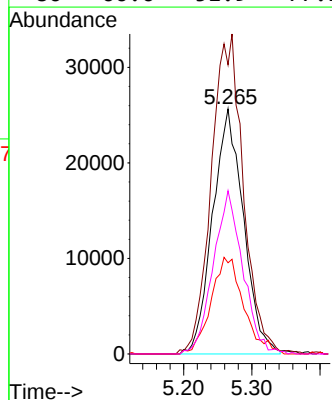
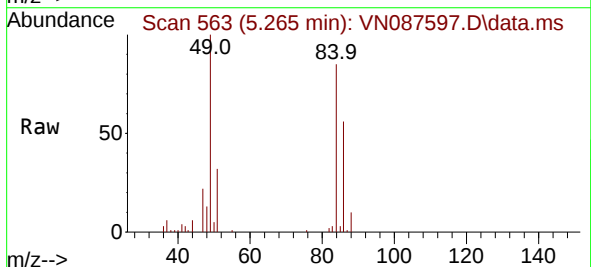
RT: 5.265 min Scan# 563

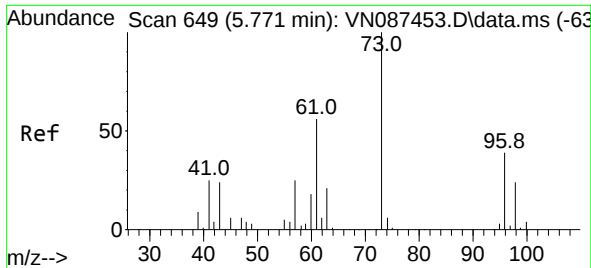
Delta R.T. -0.006 min

Lab File: VN087597.D

Acq: 18 Aug 2025 10:39

Tgt Ion:	84	Resp:	80805
Ion Ratio	Lower	Upper	
84	100		
49	116.8	112.9	169.3
51	37.2	33.8	50.8
86	66.6	51.9	77.9





#19
trans-1,2-Dichloroethene
Concen: 18.041 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

Instrument :

MSVOA_N

ClientSampleId :

VN0818WBSD01

Tgt Ion: 96 Resp: 7282
Ion Ratio Lower Upper
96 100
61 136.9 114.2 171.4
98 58.0 48.7 73.1

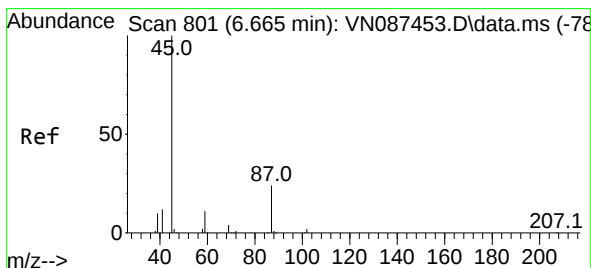
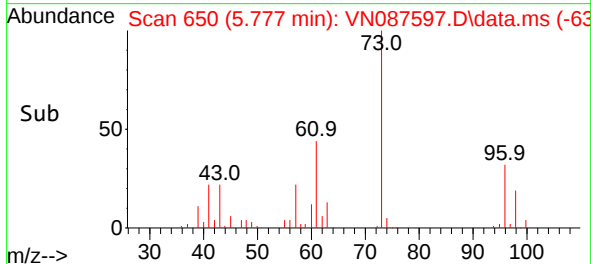
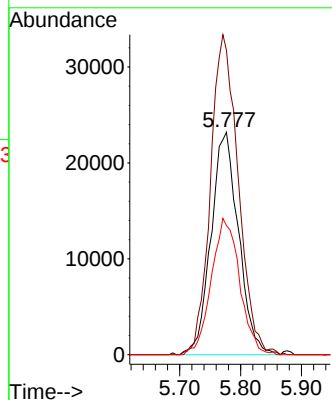
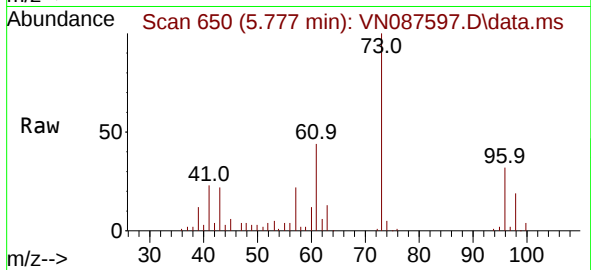
Manual Integrations
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Reviewed By :John
Carlone

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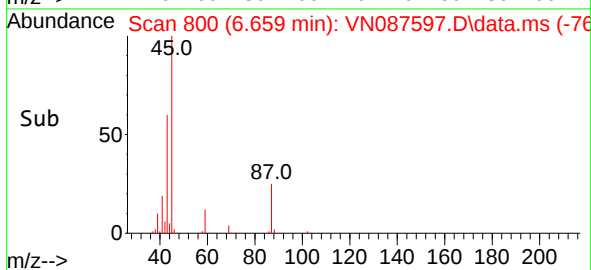
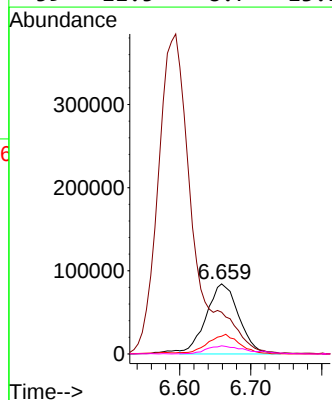
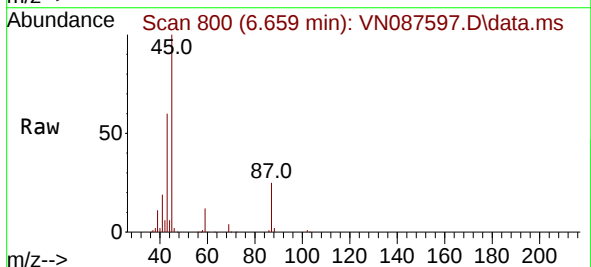
Supervised By :Mahesh
Dadoda

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#20
Diisopropyl ether
Concen: 17.048 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.006 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

Tgt Ion: 45 Resp: 268713
Ion Ratio Lower Upper
45 100
43 59.1 44.7 67.1
87 25.3 20.2 30.2
59 11.5 8.7 13.1





#21

1,1-Dichloroethane

Concen: 17.755 ug/l

RT: 6.553 min Scan# 782

Delta R.T. -0.000 min

Lab File: VN087597.D

Acq: 18 Aug 2025 10:39

Instrument :

MSVOA_N

ClientSampleId :

VN0818WBSD01

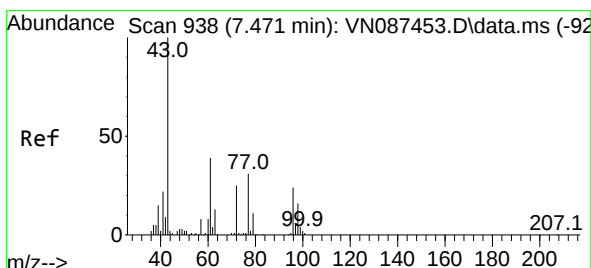
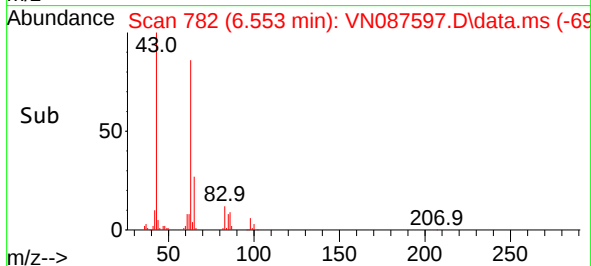
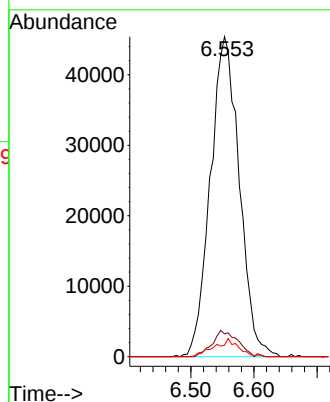
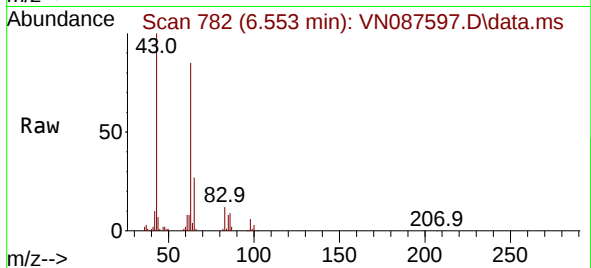
Tgt Ion:	63	Resp:	144662
Ion Ratio	Lower	Upper	
63	100		
98	7.2	3.0	9.0
100	3.6	1.9	5.7

Manual Integrations
APPROVED

Reviewed By :John
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Supervised By :Mahesh
Dadoda

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#22

cis-1,2-Dichloroethene

Concen: 17.711 ug/l

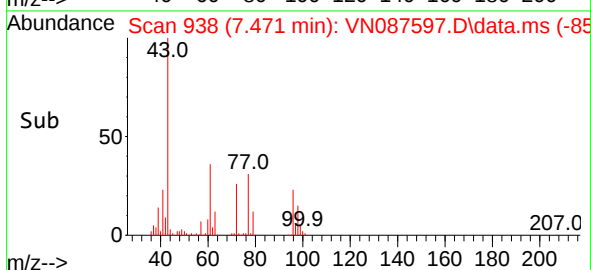
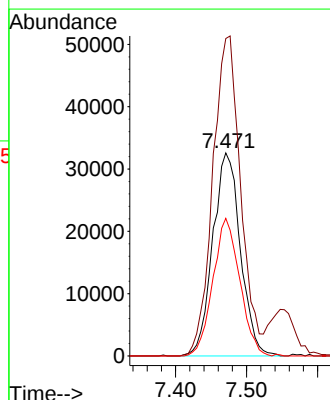
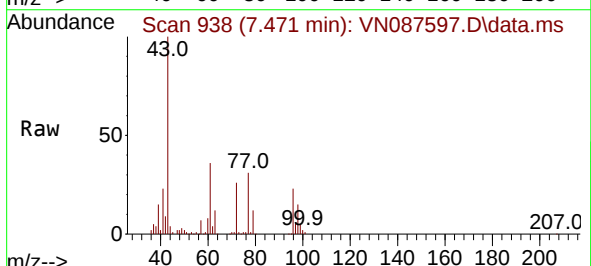
RT: 7.471 min Scan# 938

Delta R.T. -0.000 min

Lab File: VN087597.D

Acq: 18 Aug 2025 10:39

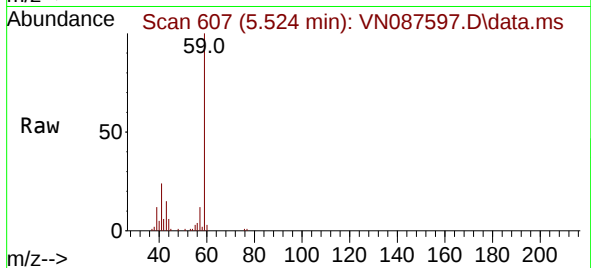
Tgt Ion:	96	Resp:	87968
Ion Ratio	Lower	Upper	
96	100		
61	159.3	126.6	190.0
98	65.8	50.9	76.3





#23
tert-Butyl Alcohol
Concen: 90.906 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

Instrument :
MSVOA_N
ClientSampleId :
VN0818WBSD01



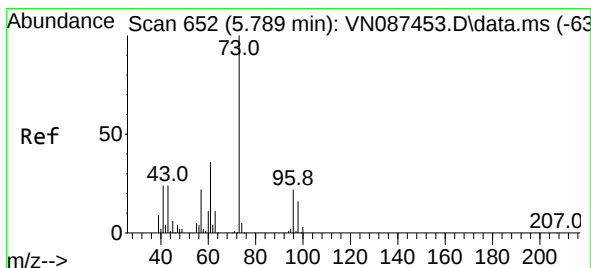
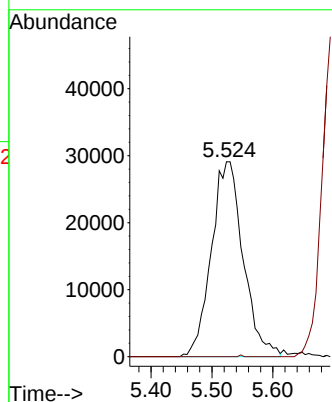
Tgt Ion: 59 Resp: 105664
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations
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Reviewed By :John
Carlone

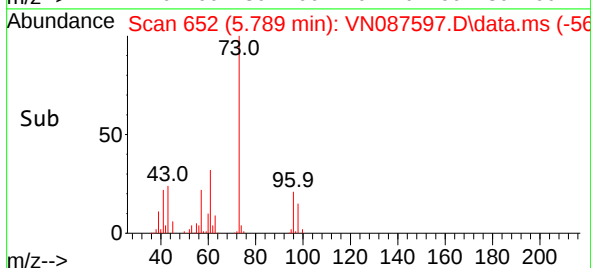
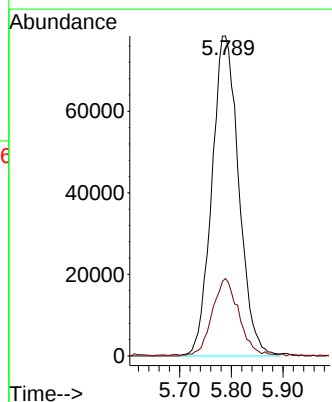
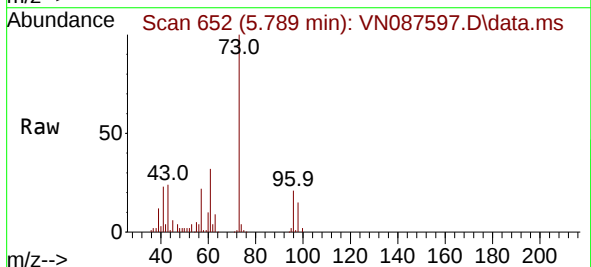
08/19/2025
Supervised By :Mahesh
Dadoda

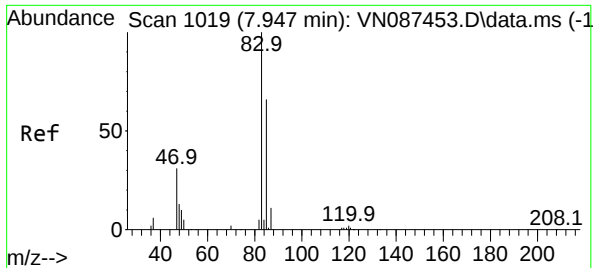
08/20/2025



#24
Methyl tert-Butyl Ether
Concen: 18.388 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

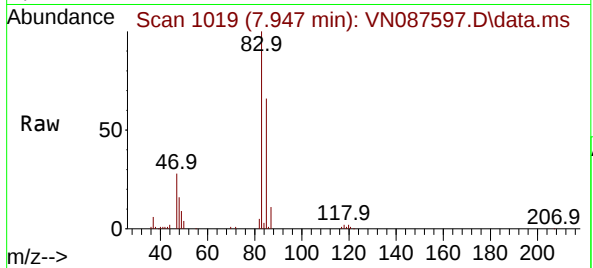
Tgt Ion: 73 Resp: 284424
Ion Ratio Lower Upper
73 100
43 22.9 19.9 29.9





#25
Chloroform
Concen: 17.863 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

Instrument :
MSVOA_N
ClientSampleId :
VN0818WBSD01



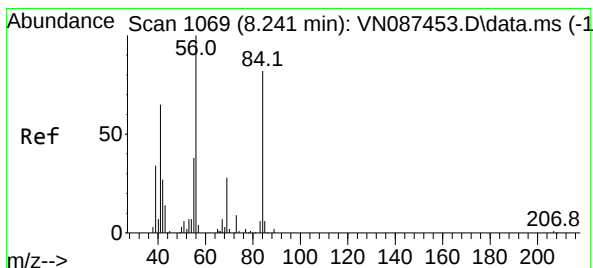
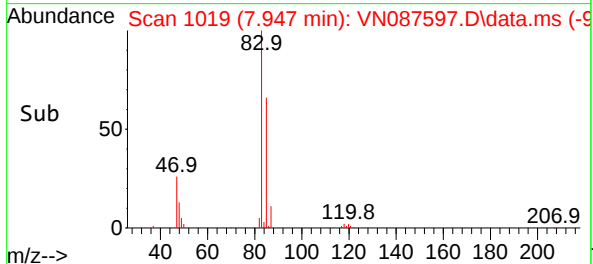
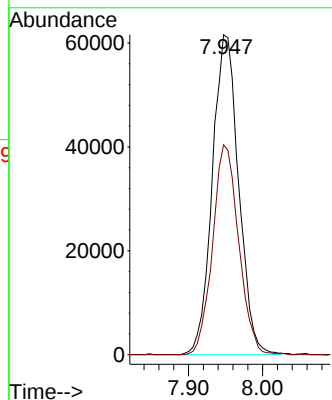
Tgt Ion: 83 Resp: 151920
Ion Ratio Lower Upper
83 100
85 65.6 52.6 78.8

Manual Integrations
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Reviewed By :John
Carlone

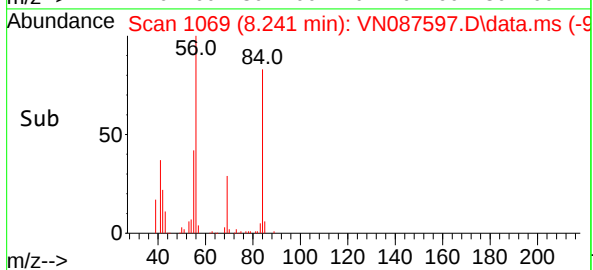
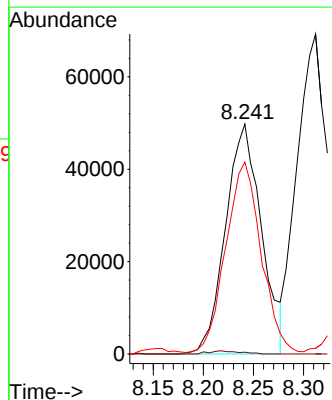
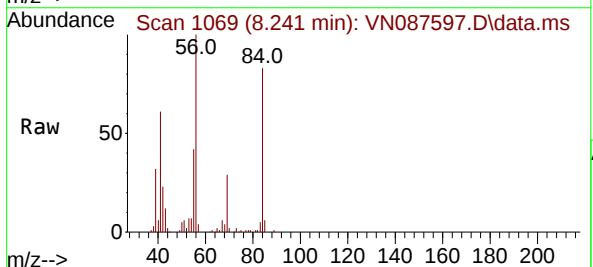
08/19/2025
Supervised By :Mahesh
Dadoda

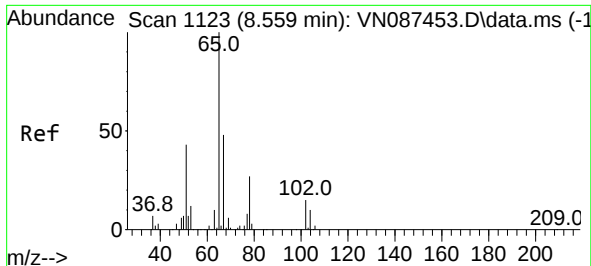
08/20/2025



#26
Cyclohexane
Concen: 18.986 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

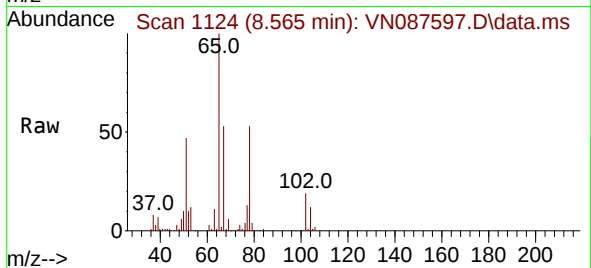
Tgt Ion: 56 Resp: 123852
Ion Ratio Lower Upper
56 100
89 1.0 2.3 3.5#
84 83.0 67.0 100.4





#27
1,2-Dichloroethane-d4
Concen: 29.486 ug/l
RT: 8.565 min Scan# 1123
Delta R.T. 0.006 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

Instrument :
MSVOA_N
ClientSampleId :
VN0818WBSD01



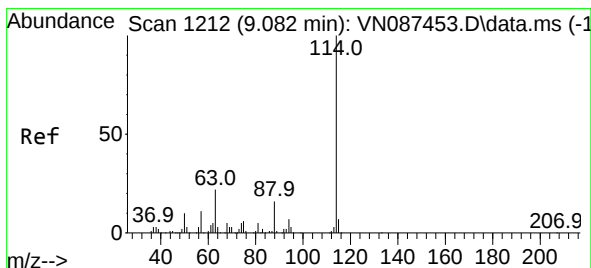
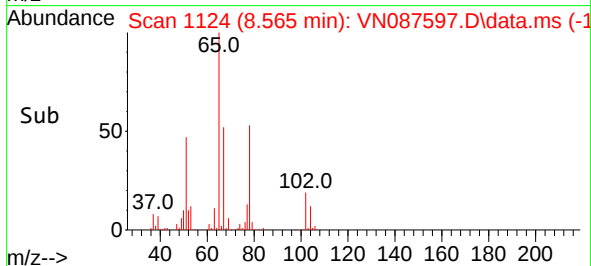
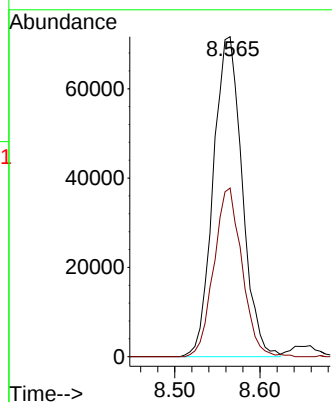
Tgt Ion: 65 Resp: 168562
Ion Ratio Lower Upper
65 100
67 51.1 40.8 61.2

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Reviewed By :John
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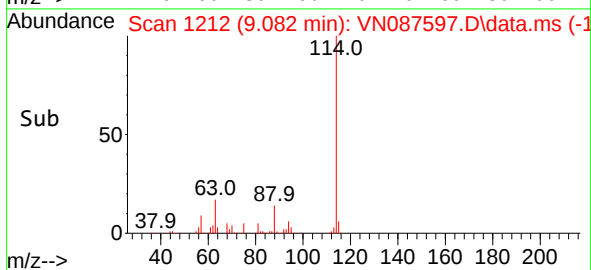
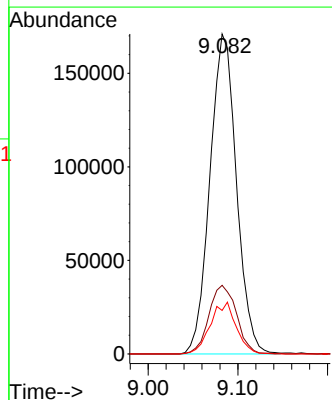
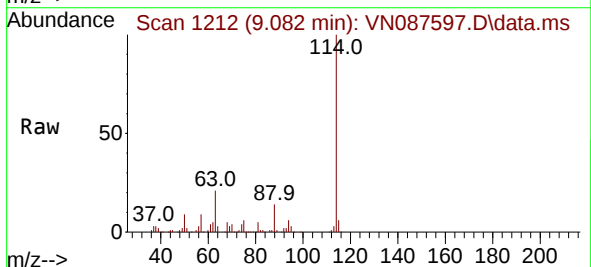
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Supervised By :Mahesh
Dadoda

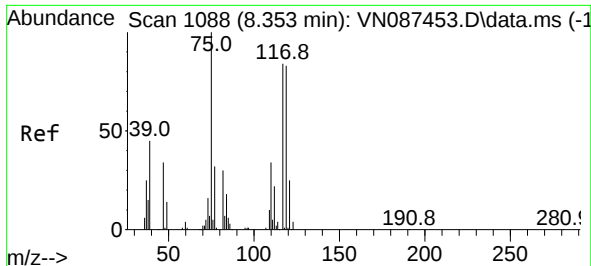
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#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

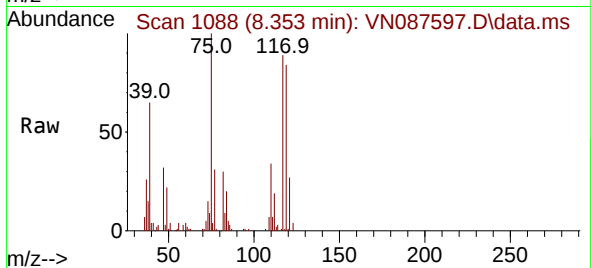
Tgt Ion:114 Resp: 351353
Ion Ratio Lower Upper
114 100
63 22.2 18.9 28.3
88 15.8 13.1 19.7





#29
1,1-Dichloropropene
Concen: 18.268 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

Instrument :
MSVOA_N
ClientSampleId :
VN0818WBSD01



Tgt Ion: 75 Resp: 104689

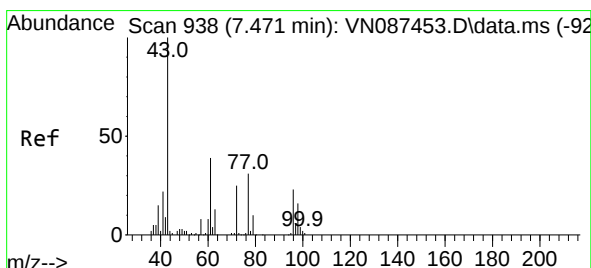
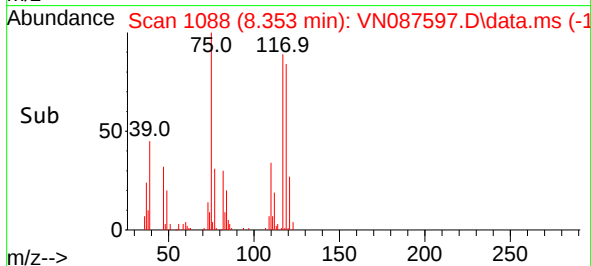
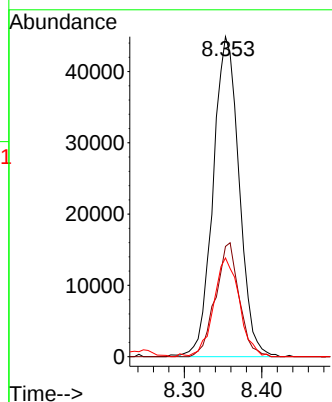
Ion	Ratio	Lower	Upper
75	100		
110	32.4	0.0	65.8
77	30.3	0.0	63.6

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Reviewed By :John
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Supervised By :Mahesh
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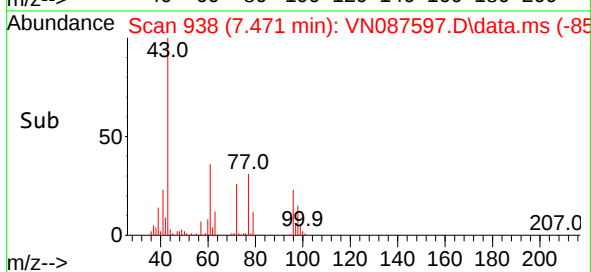
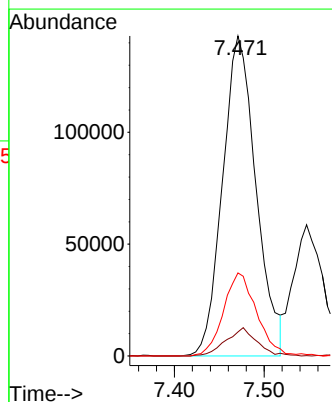
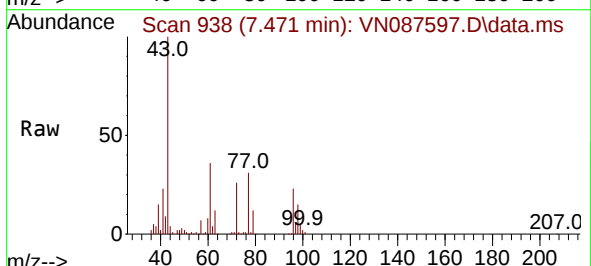
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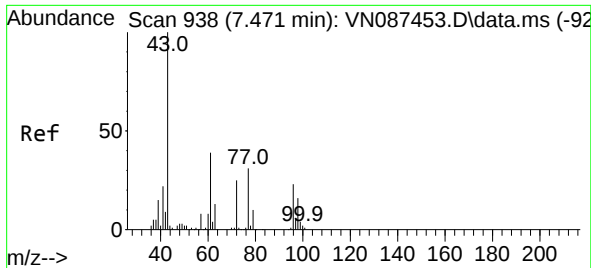


#30
2-Butanone
Concen: 88.006 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

Tgt Ion: 43 Resp: 371747

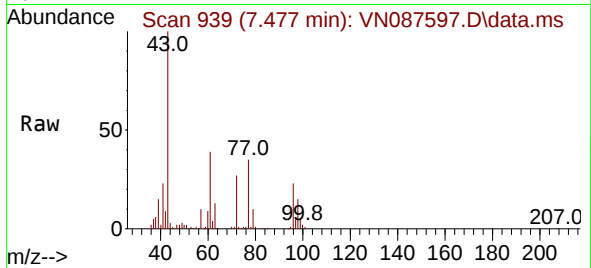
Ion	Ratio	Lower	Upper
43	100		
57	7.8	6.6	9.8
72	25.5	19.7	29.5





#31
2,2-Dichloropropane
Concen: 17.660 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

Instrument :
MSVOA_N
ClientSampleId :
VN0818WBSD01



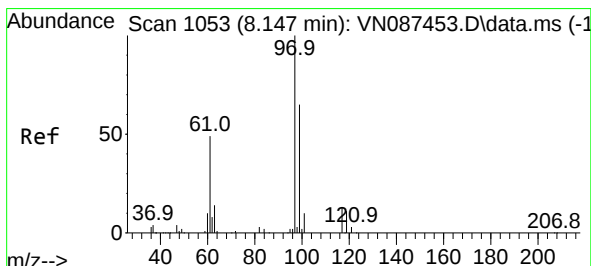
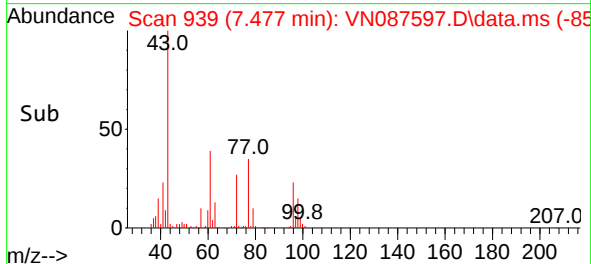
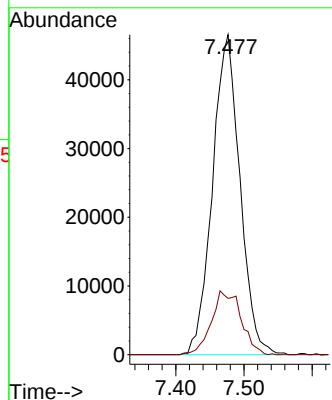
Tgt Ion: 77 Resp: 13052
Ion Ratio Lower Upper
77 100
97 12.6 16.7 25.1

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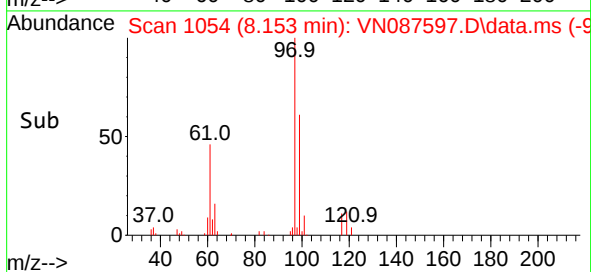
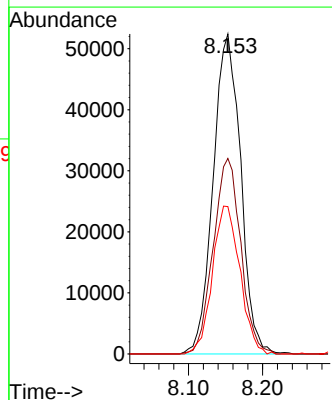
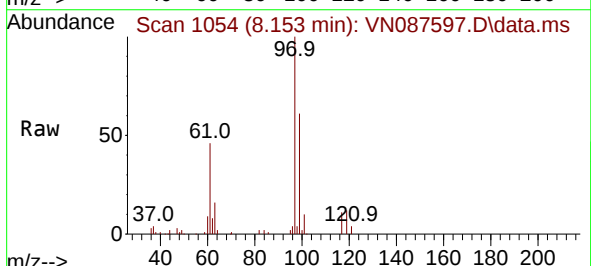
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#32
1,1,1-Trichloroethane
Concen: 18.466 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

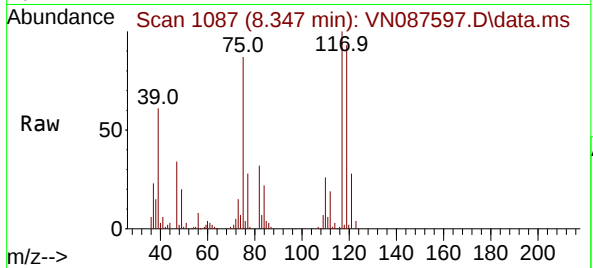
Tgt Ion: 97 Resp: 134965
Ion Ratio Lower Upper
97 100
99 61.2 53.0 79.6
61 46.2 40.6 61.0





#33
Carbon Tetrachloride
Concen: 18.394 ug/l
RT: 8.347 min Scan# 1086
Delta R.T. 0.006 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

Instrument :
MSVOA_N
ClientSampleId :
VN0818WBSD01



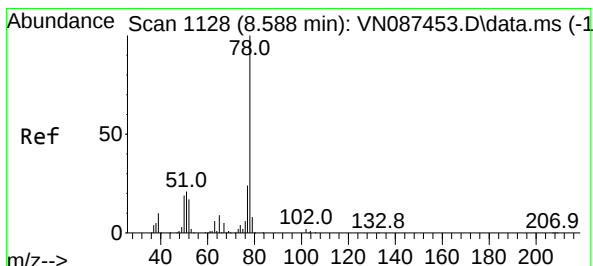
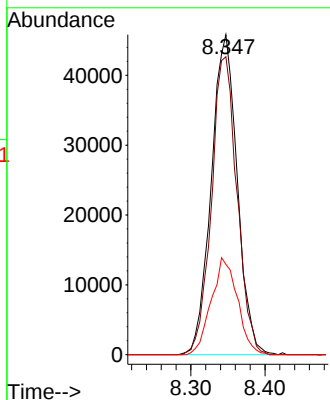
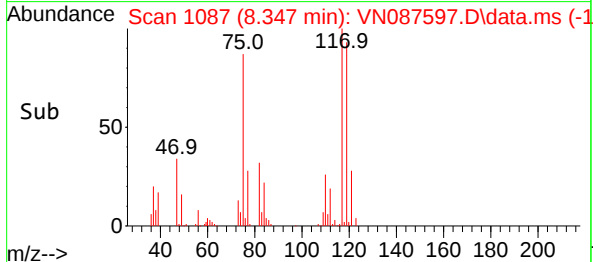
Tgt Ion: 117 Resp: 11168
Ion Ratio Lower Upper
117 100
119 93.1 73.4 110.0
121 28.3 21.1 31.7

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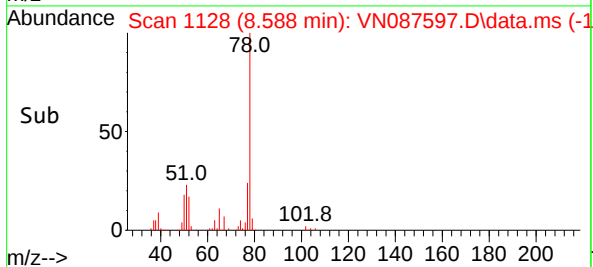
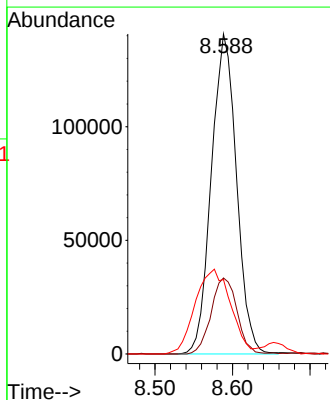
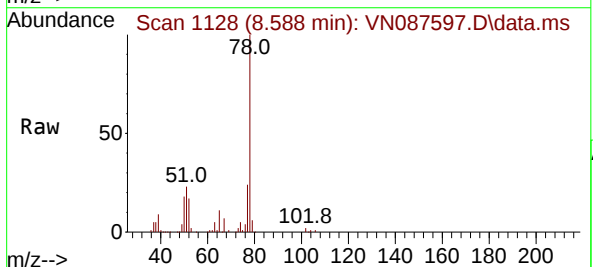
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Supervised By :Mahesh
Dadoda

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#34
Benzene
Concen: 17.567 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

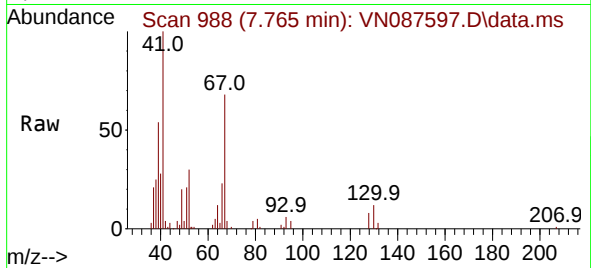
Tgt Ion: 78 Resp: 317782
Ion Ratio Lower Upper
78 100
77 23.7 19.2 28.8
51 21.7 16.9 25.3





#35
Methacrylonitrile
Concen: 16.837 ug/l
RT: 7.765 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

Instrument :
MSVOA_N
ClientSampleId :
VN0818WBSD01



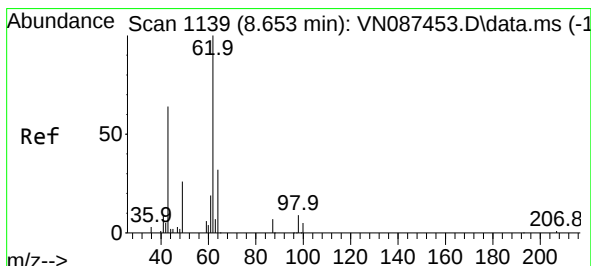
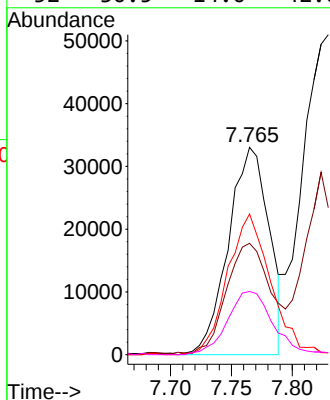
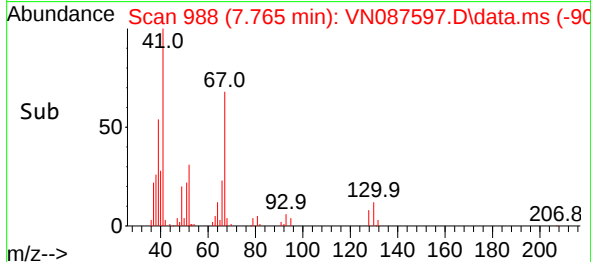
Tgt Ion: 41 Resp: 76749
Ion Ratio Lower Upper
41 100
39 52.5 30.1 90.5
67 67.8 32.0 96.2
52 30.5 14.0 42.0

Manual Integrations
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Reviewed By :John
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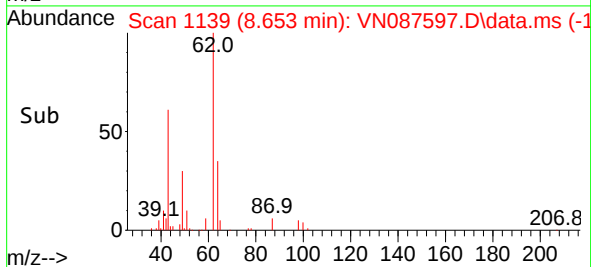
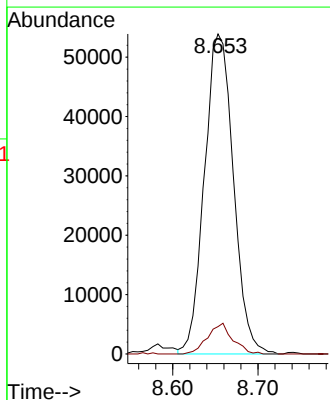
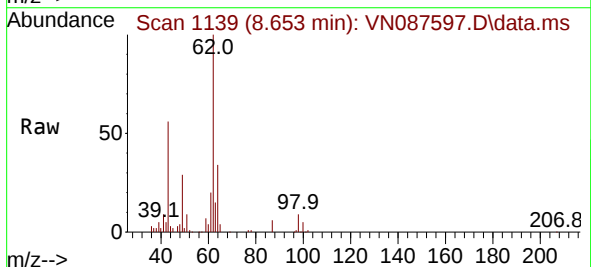
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Supervised By :Mahesh
Dadoda

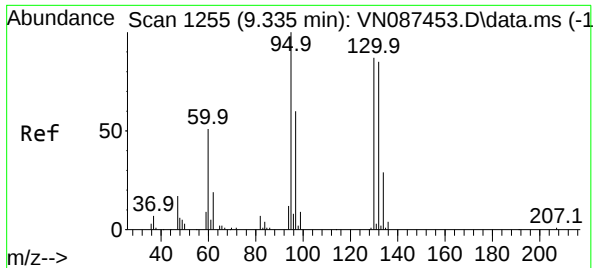
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#36
1,2-Dichloroethane
Concen: 17.449 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

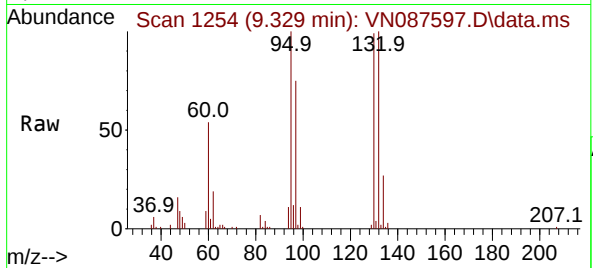
Tgt Ion: 62 Resp: 127575
Ion Ratio Lower Upper
62 100
98 8.2 6.6 9.8





#37
Trichloroethene
Concen: 18.686 ug/l
RT: 9.329 min Scan# 1254
Delta R.T. -0.006 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

Instrument :
MSVOA_N
ClientSampleId :
VN0818WBSD01



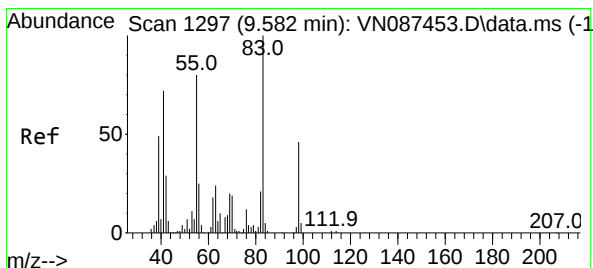
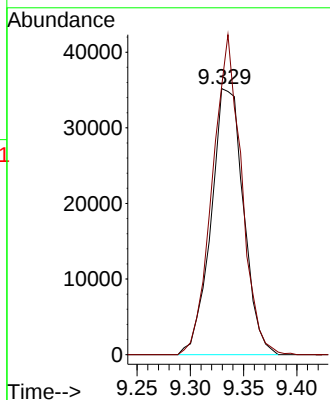
Tgt Ion:130 Resp: 74460
Ion Ratio Lower Upper
130 100
95 101.0 91.4 137.2

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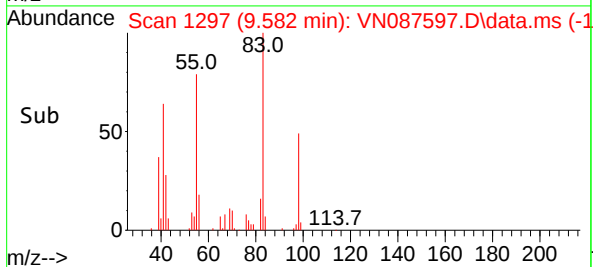
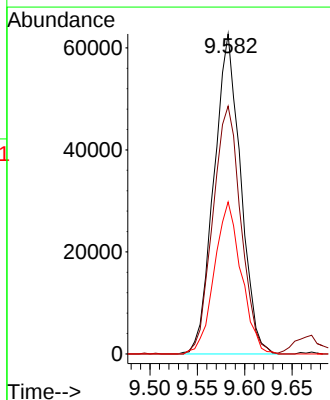
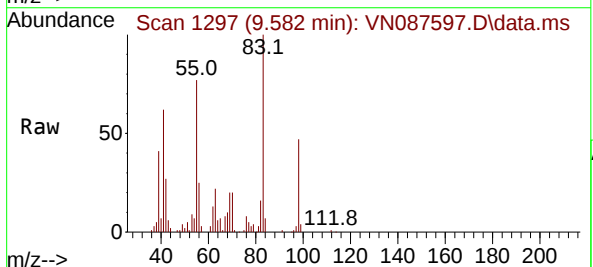
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Supervised By :Mahesh
Dadoda

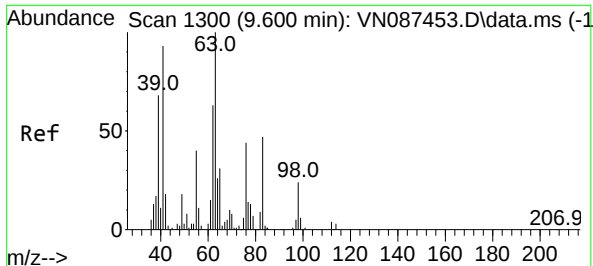
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#38
Methylcyclohexane
Concen: 18.494 ug/l
RT: 9.582 min Scan# 1297
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

Tgt Ion: 83 Resp: 122949
Ion Ratio Lower Upper
83 100
55 81.5 41.2 123.6
98 47.9 23.3 69.9





#39

1,2-Dichloropropane

Concen: 17.590 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN087597.D

Acq: 18 Aug 2025 10:39

Instrument :

MSVOA_N

ClientSampleId :

VN0818WBSD01

Tgt Ion: 63 Resp: 8158
 Ion Ratio Lower Upper
 63 100
 65 30.2 24.6 36.8

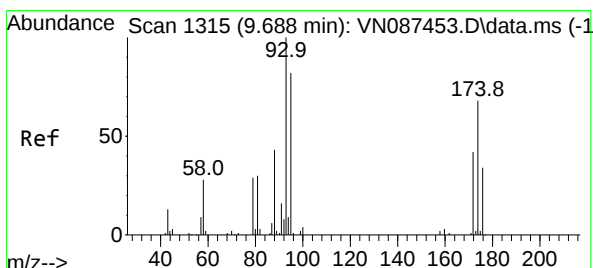
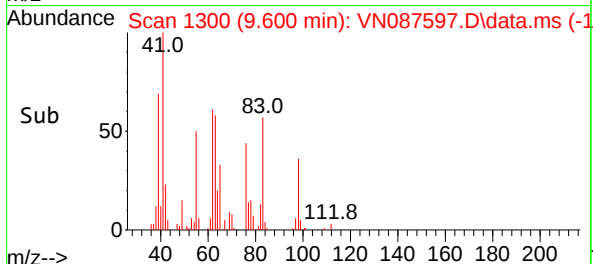
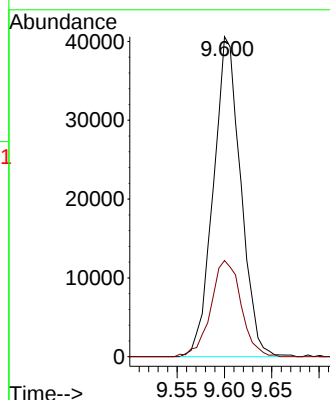
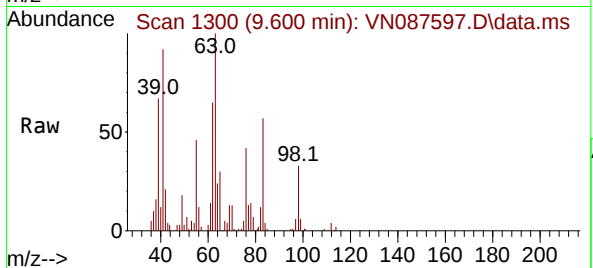
Manual Integrations
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#40

Dibromomethane

Concen: 17.374 ug/l

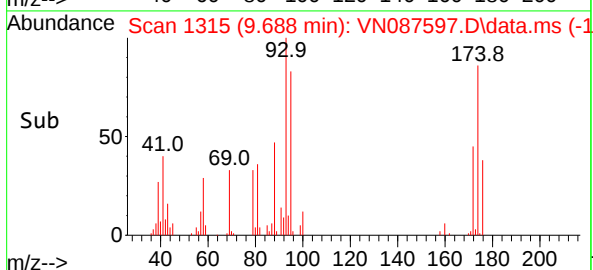
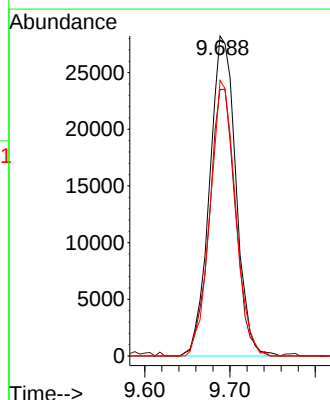
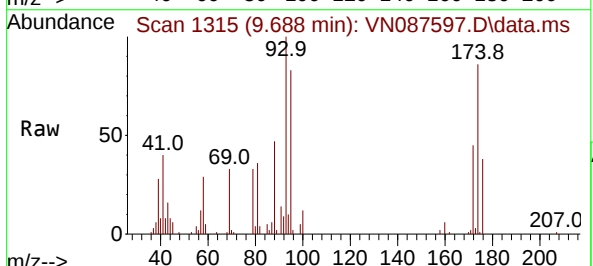
RT: 9.688 min Scan# 1315

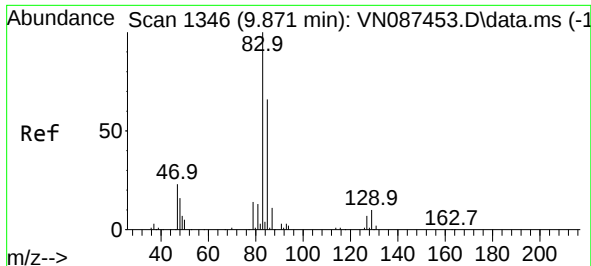
Delta R.T. -0.000 min

Lab File: VN087597.D

Acq: 18 Aug 2025 10:39

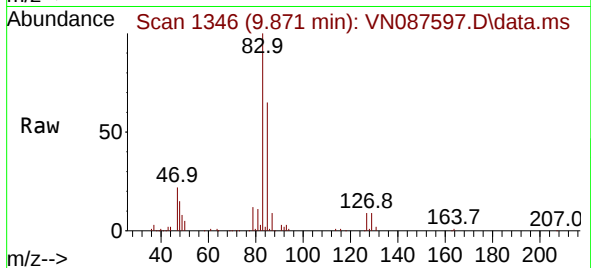
Tgt Ion: 93 Resp: 60461
 Ion Ratio Lower Upper
 93 100
 95 82.3 0.0 161.6
 174 82.8 0.0 151.4





#41
Bromodichloromethane
Concen: 17.304 ug/l
RT: 9.871 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

Instrument :
MSVOA_N
ClientSampleId :
VN0818WBSD01



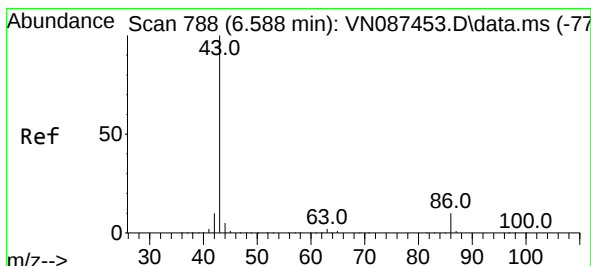
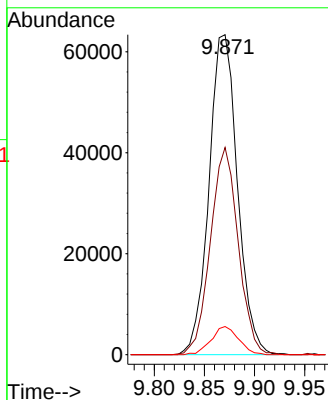
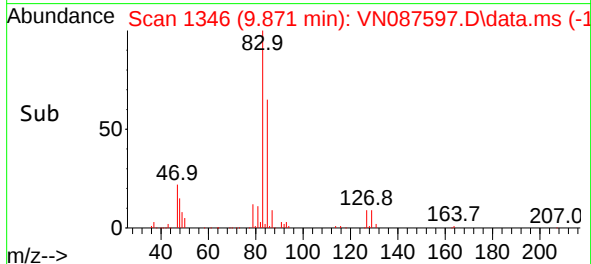
Tgt Ion: 83 Resp: 12512
Ion Ratio Lower Upper
83 100
85 64.5 52.9 79.3
127 8.8 5.8 8.6

Manual Integrations
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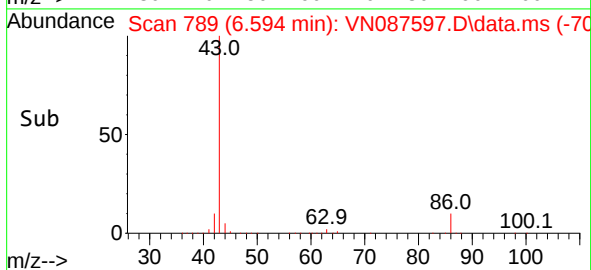
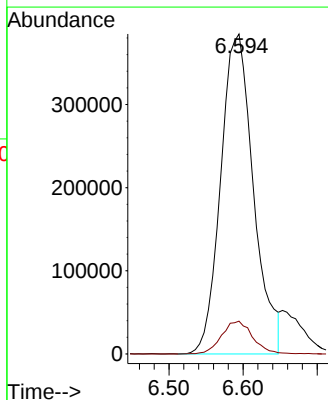
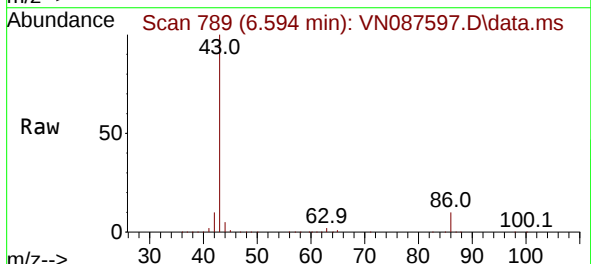
08/19/2025
Supervised By :Mahesh
Dadoda

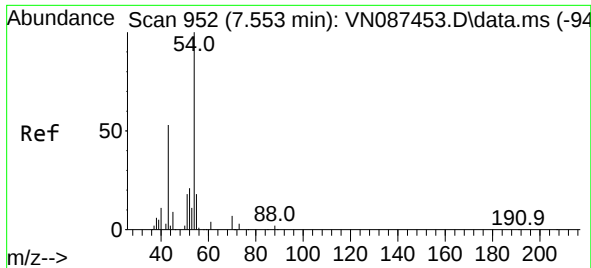
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#42
Vinyl Acetate
Concen: 85.235 ug/l
RT: 6.594 min Scan# 789
Delta R.T. 0.006 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

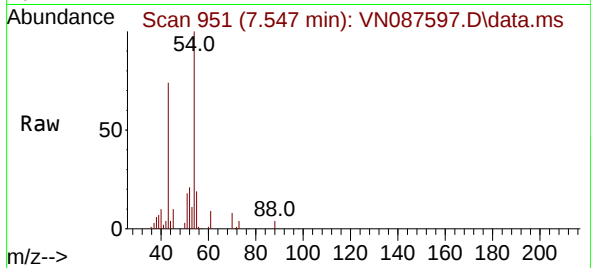
Tgt Ion: 43 Resp: 1185689
Ion Ratio Lower Upper
43 100
86 9.7 7.3 10.9





#43
Ethyl Acetate
Concen: 17.283 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

Instrument :
MSVOA_N
ClientSampleId :
VN0818WBSD01



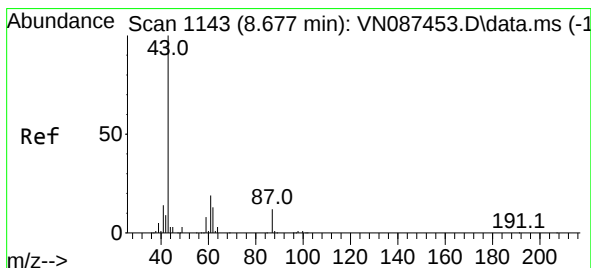
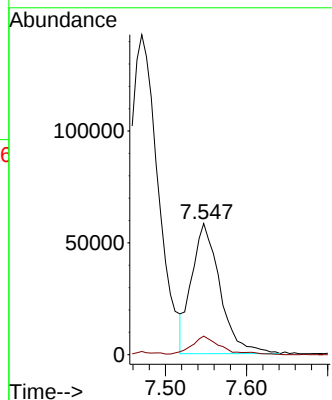
Tgt Ion: 43 Resp: 141039
Ion Ratio Lower Upper
43 100
45 12.1 11.1 16.7

Manual Integrations
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Reviewed By :John
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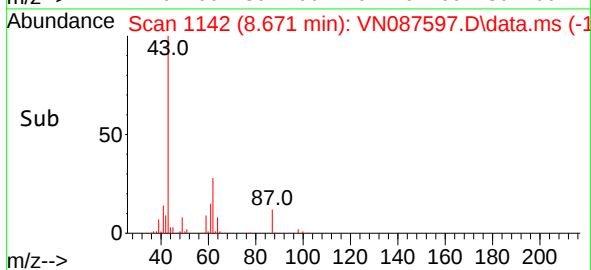
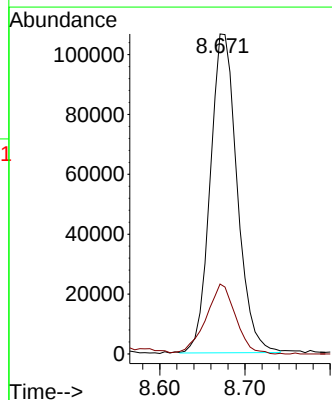
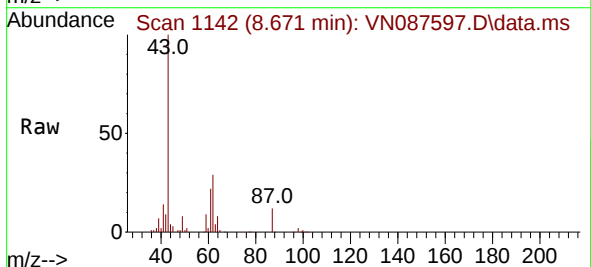
08/19/2025
Supervised By :Mahesh
Dadoda

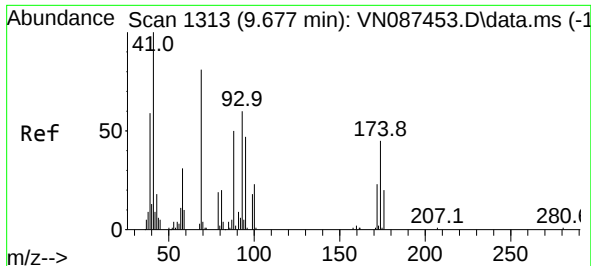
08/20/2025



#44
Isopropyl Acetate
Concen: 16.936 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

Tgt Ion: 43 Resp: 234275
Ion Ratio Lower Upper
43 100
61 24.2 18.6 28.0





#45

1,4-Dioxane

Concen: 387.722 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. 0.006 min

Lab File: VN087597.D

Acq: 18 Aug 2025 10:39

Instrument :

MSVOA_N

ClientSampleId :

VN0818WBSD01

Tgt Ion: 88 Resp: 3419

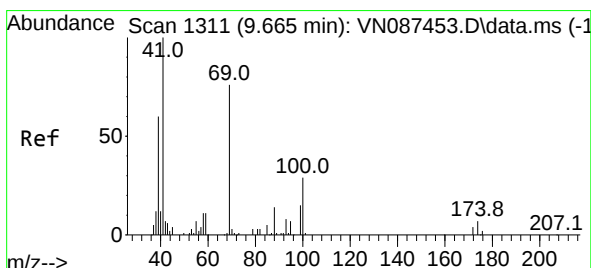
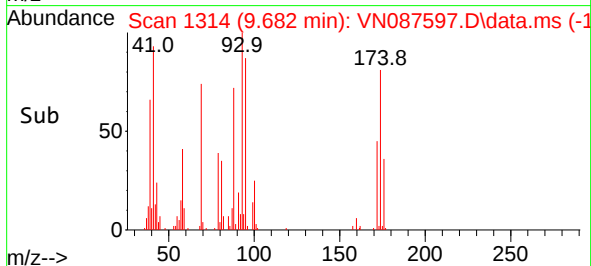
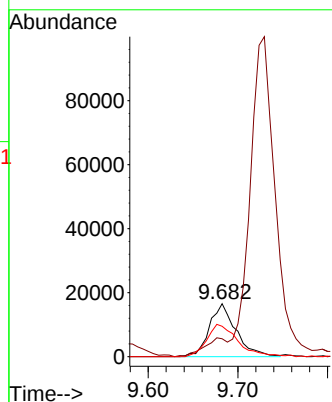
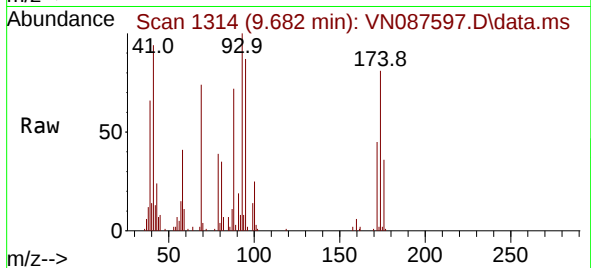
Ion	Ratio	Lower	Upper
88	100		
43	30.6	24.1	36.1
58	70.5	57.2	85.8

Manual Integrations
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Reviewed By :John
Carlone

08/19/2025
Supervised By :Mahesh
Dadoda

08/20/2025



#46

Methyl methacrylate

Concen: 16.720 ug/l

RT: 9.665 min Scan# 1311

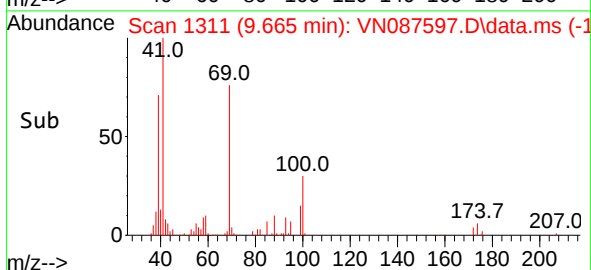
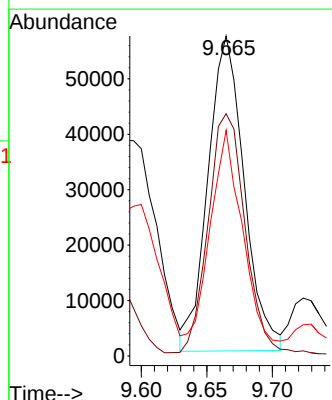
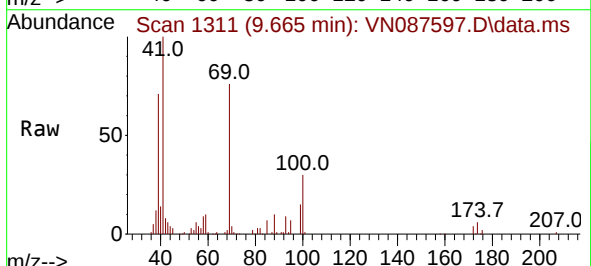
Delta R.T. -0.000 min

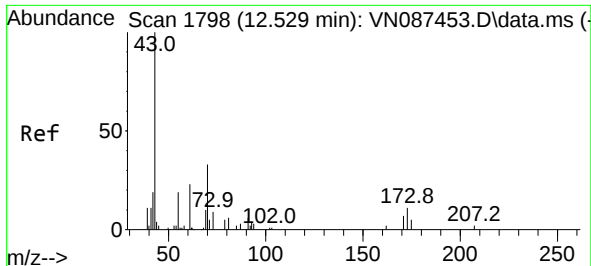
Lab File: VN087597.D

Acq: 18 Aug 2025 10:39

Tgt Ion: 41 Resp: 109176

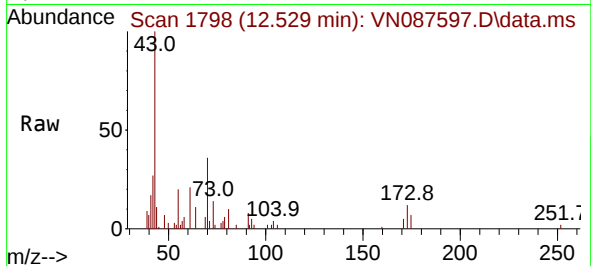
Ion	Ratio	Lower	Upper
41	100		
69	79.8	37.1	111.5
39	70.4	30.7	92.1





#47
n-amy1 Acetate
Concen: 16.558 ug/l m
RT: 12.529 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

Instrument :
MSVOA_N
ClientSampleId :
VN0818WBSD01



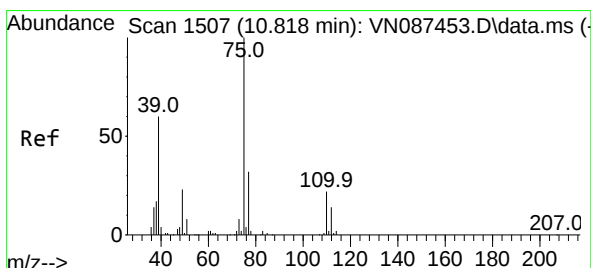
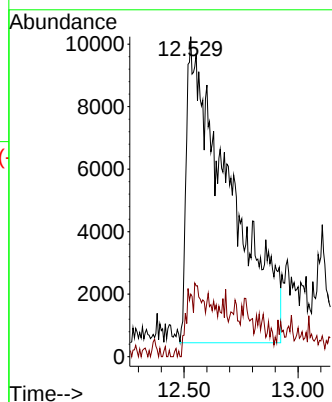
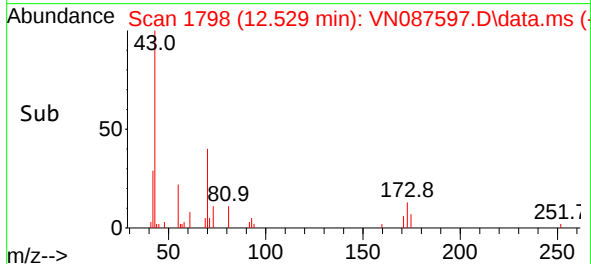
Tgt Ion: 43 Resp: 126529
Ion Ratio Lower Upper
43 100
55 2.2 4.6 6.8

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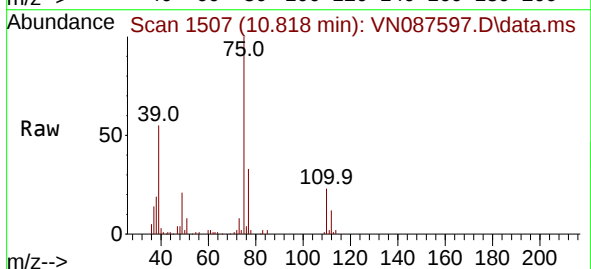
Reviewed By :John
Carlone

08/19/2025
Supervised By :Mahesh
Dadoda

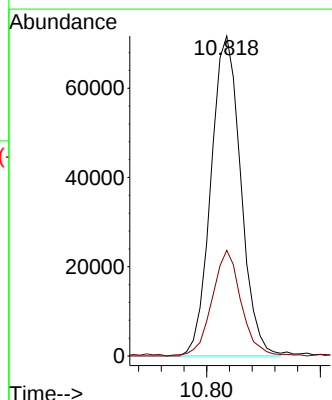
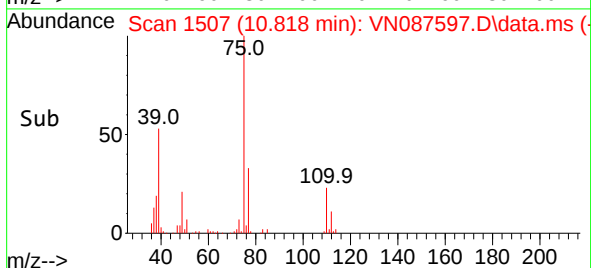
08/20/2025



#48
t-1,3-Dichloropropene
Concen: 16.614 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39



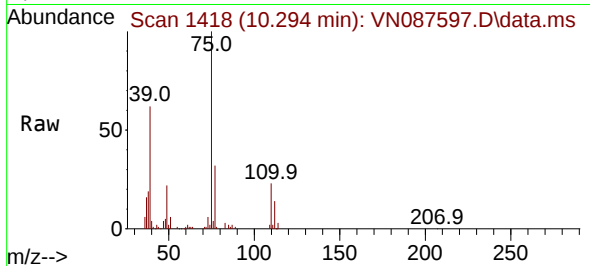
Tgt Ion: 75 Resp: 130700
Ion Ratio Lower Upper
75 100
77 32.6 25.3 37.9





#49
 cis-1,3-Dichloropropene
 Concen: 17.053 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. -0.000 min
 Lab File: VN087597.D
 Acq: 18 Aug 2025 10:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0818WBSD01



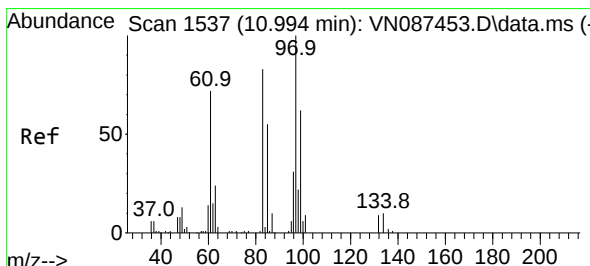
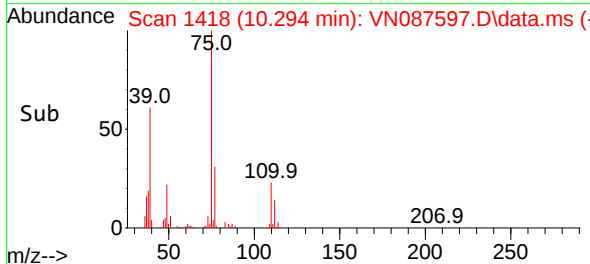
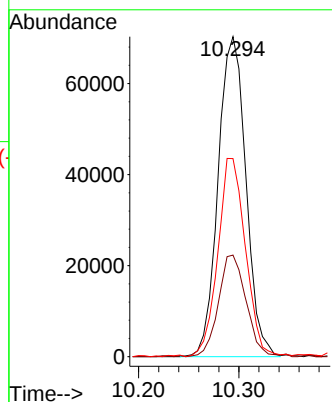
Tgt Ion: 75 Resp: 135014
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.6 36.8
 39 61.4 51.5 77.3

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Reviewed By :John
 Carlone

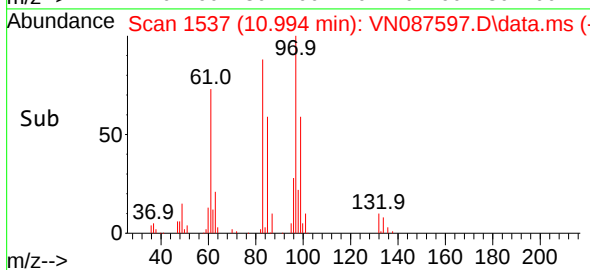
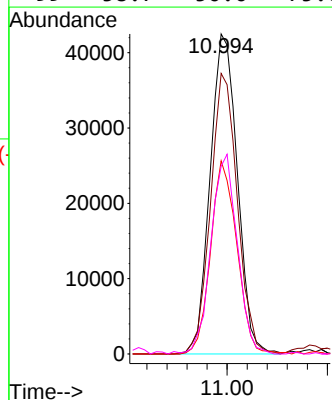
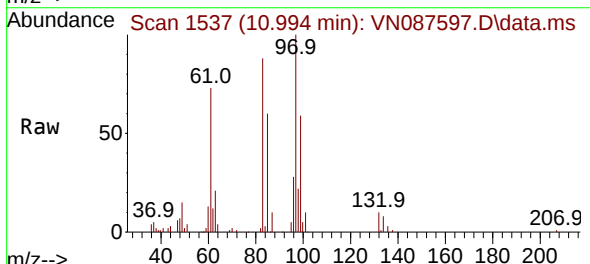
08/19/2025
 Supervised By :Mahesh
 Dadoda

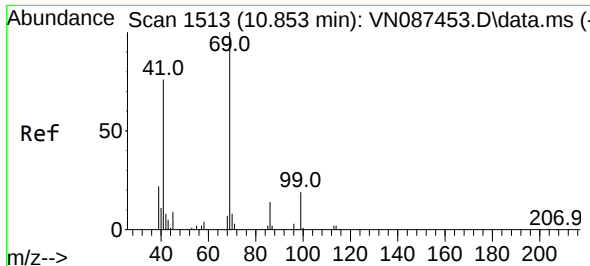
08/20/2025



#50
 1,1,2-Trichloroethane
 Concen: 18.217 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. -0.000 min
 Lab File: VN087597.D
 Acq: 18 Aug 2025 10:39

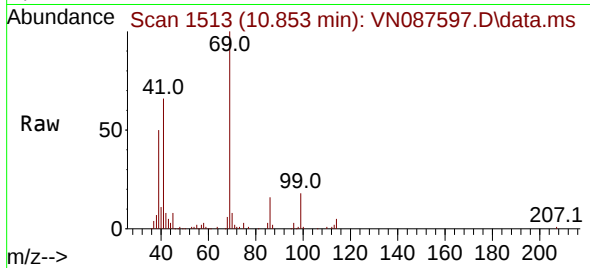
Tgt Ion: 97 Resp: 80093
 Ion Ratio Lower Upper
 97 100
 83 87.6 66.2 99.2
 85 60.3 43.9 65.9
 99 58.7 50.0 75.0





#51
Ethyl methacrylate
Concen: 17.532 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

Instrument :
MSVOA_N
ClientSampleId :
VN0818WBSD01



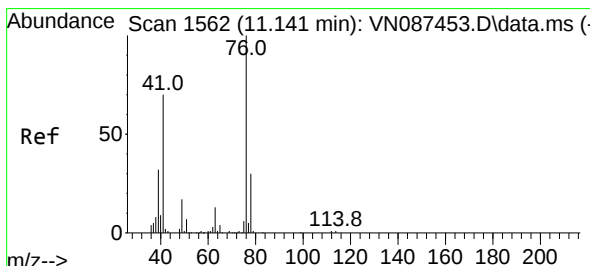
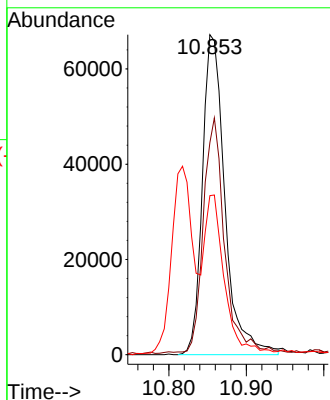
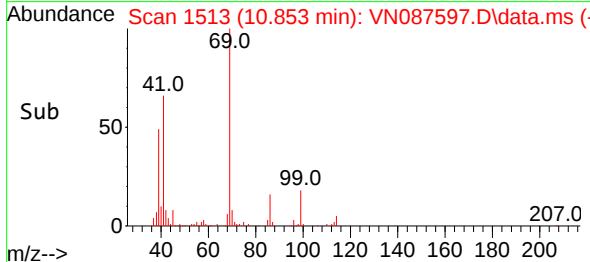
Tgt Ion: 69 Resp: 135754
Ion Ratio Lower Upper
69 100
41 65.4 38.0 114.1
39 48.7 23.2 69.5

Manual Integrations
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Reviewed By :John
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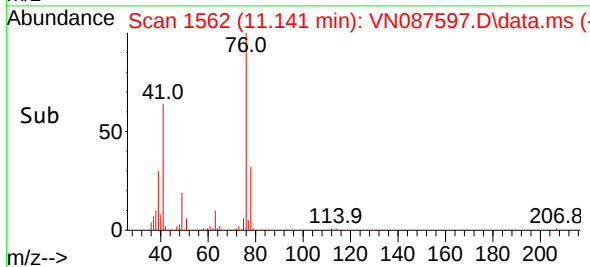
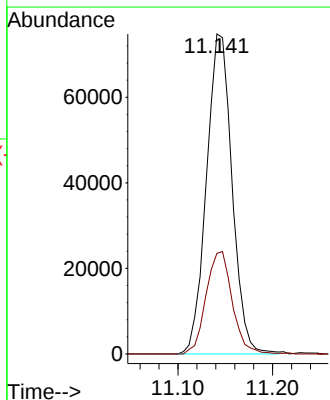
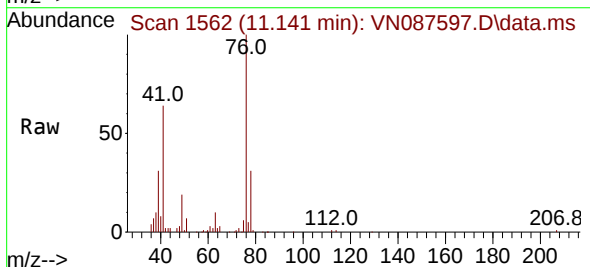
08/19/2025
Supervised By :Mahesh
Dadoda

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#52
1,3-Dichloropropane
Concen: 17.730 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

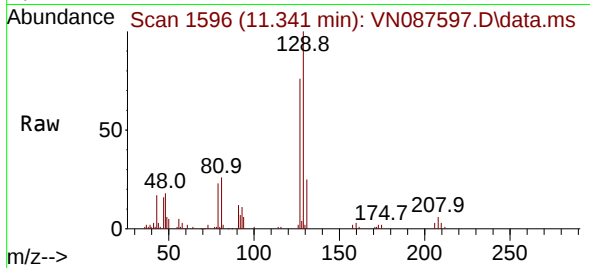
Tgt Ion: 76 Resp: 140443
Ion Ratio Lower Upper
76 100
78 32.6 0.0 63.0





#53
Dibromochloromethane
Concen: 17.220 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

Instrument :
MSVOA_N
ClientSampleId :
VN0818WBSD01



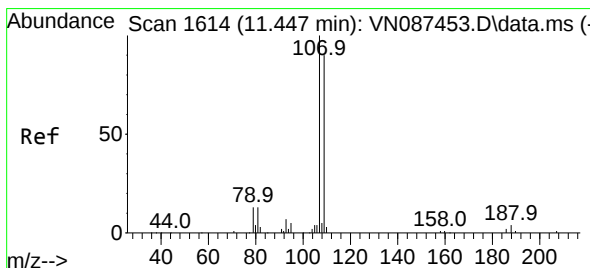
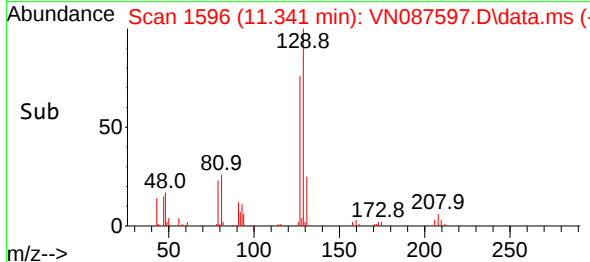
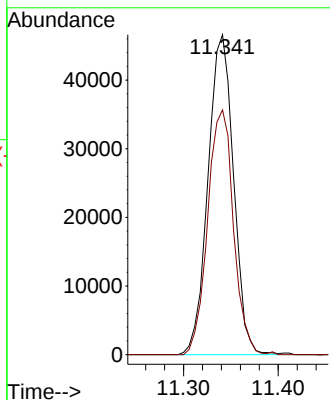
Tgt Ion:129 Resp: 87438
Ion Ratio Lower Upper
129 100
127 77.3 39.1 117.3

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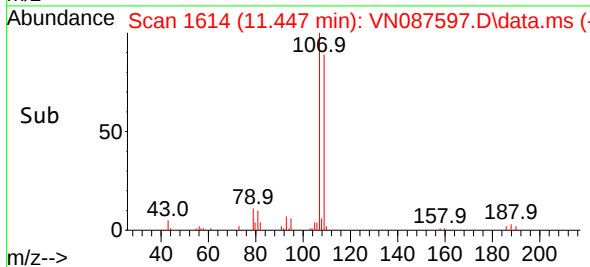
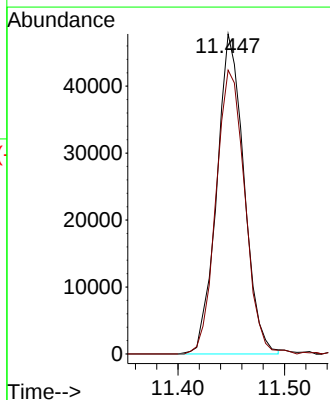
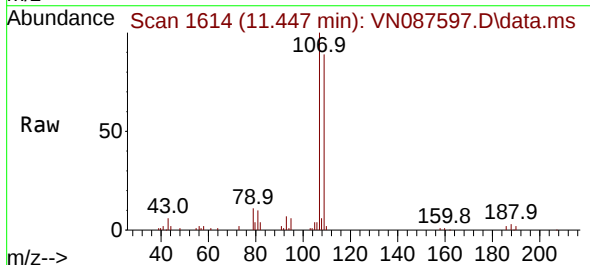
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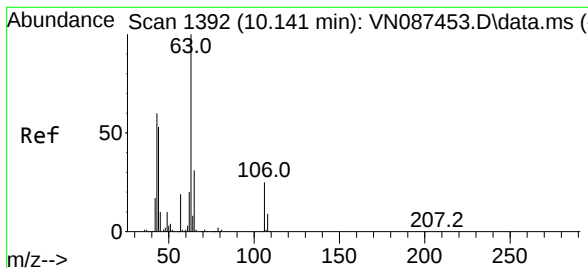
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#54
1,2-Dibromoethane
Concen: 18.193 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

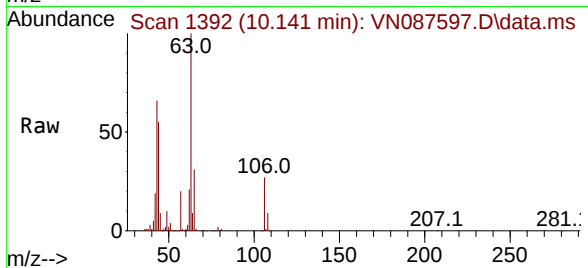
Tgt Ion:107 Resp: 84916
Ion Ratio Lower Upper
107 100
109 93.5 74.2 111.4





#55
2-Chloroethyl vinyl ether
Concen: 89.196 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

Instrument :
MSVOA_N
ClientSampleId :
VN0818WBSD01



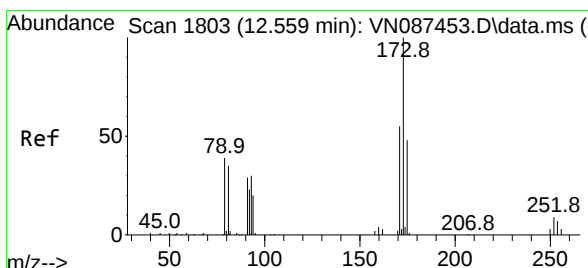
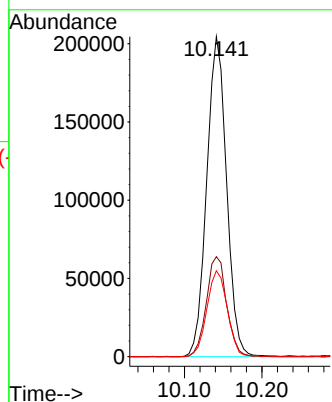
Tgt Ion: 63 Resp: 36359
Ion Ratio Lower Upper
63 100
65 32.1 25.7 38.5
106 27.5 20.7 31.1

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Reviewed By :John
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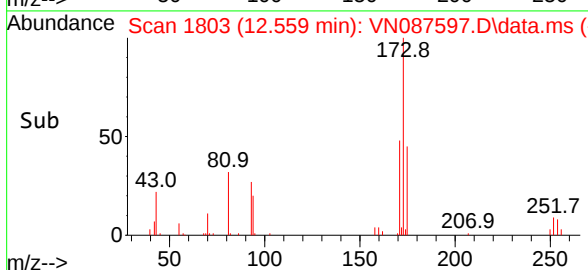
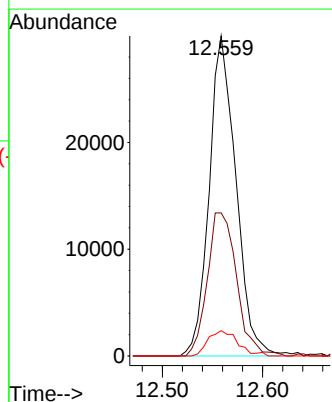
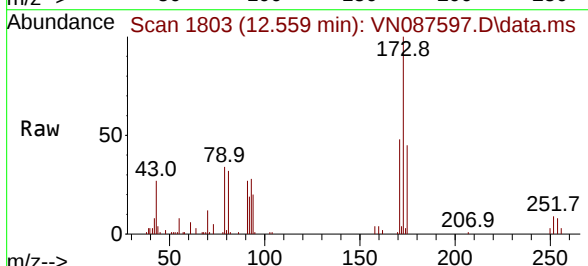
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Supervised By :Mahesh
Dadoda

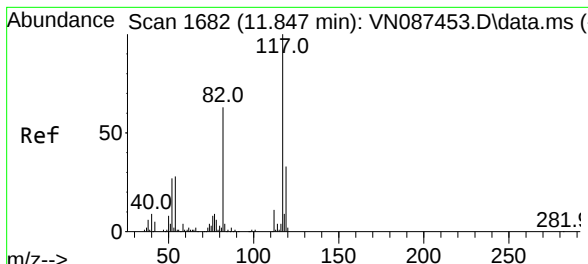
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#56
Bromoform
Concen: 16.544 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

Tgt Ion:173 Resp: 55564
Ion Ratio Lower Upper
173 100
175 48.7 38.8 58.2
254 8.4 3.9 5.9#





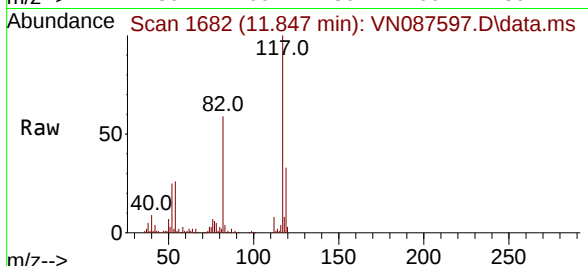
#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.847 min Scan# 1682
 Delta R.T. -0.000 min
 Lab File: VN087597.D
 Acq: 18 Aug 2025 10:39

Instrument :

MSVOA_N

ClientSampleId :

VN0818WBSD01



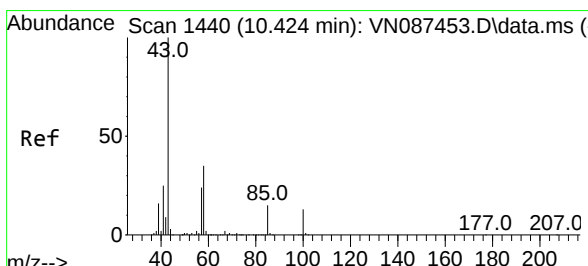
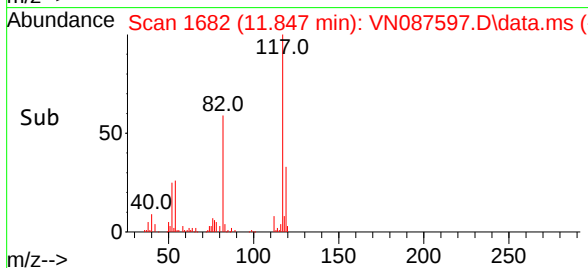
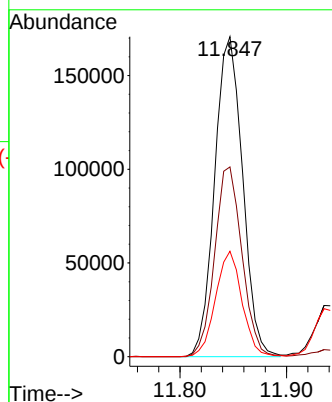
Tgt Ion	Ratio	Lower	Upper
117	100		
82	58.1	49.2	73.8
119	31.3	25.7	38.5

Manual Integrations
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Reviewed By :John
 Carlone

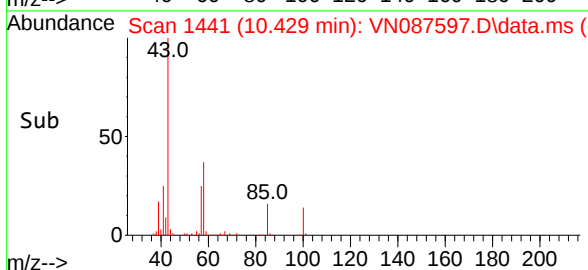
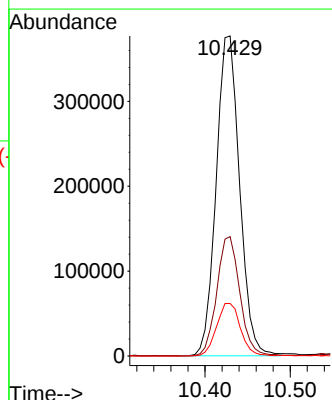
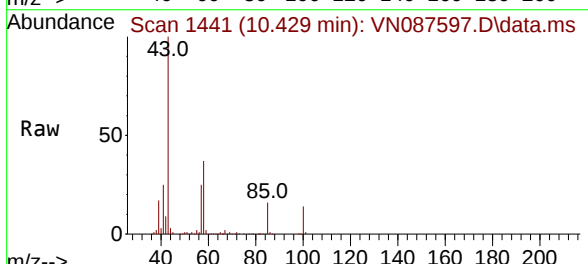
08/19/2025
 Supervised By :Mahesh
 Dadoda

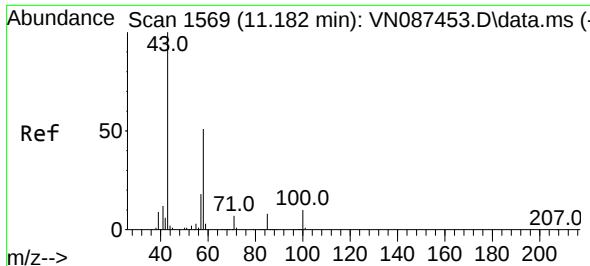
08/20/2025



#58
 4-Methyl-2-Pentanone
 Concen: 90.144 ug/l
 RT: 10.429 min Scan# 1441
 Delta R.T. 0.006 min
 Lab File: VN087597.D
 Acq: 18 Aug 2025 10:39

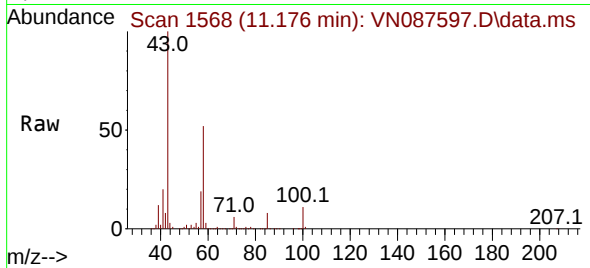
Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.7	29.0	43.6
85	16.7	12.7	19.1





#59
2-Hexanone
Concen: 86.724 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

Instrument :
MSVOA_N
ClientSampleId :
VN0818WBSD01



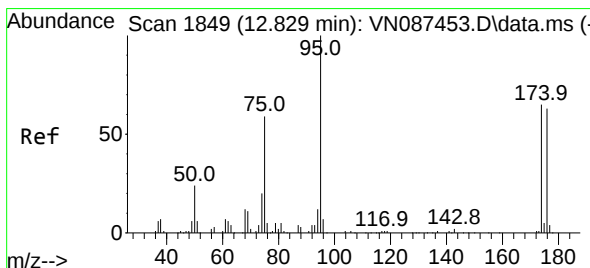
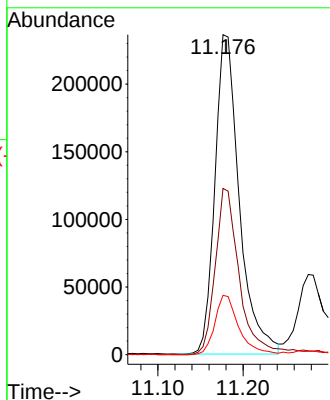
Tgt Ion: 43 Resp: 471315
Ion Ratio Lower Upper
43 100
58 51.5 41.0 61.6
57 18.2 14.6 21.8

Manual Integrations
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Reviewed By :John
Carlone

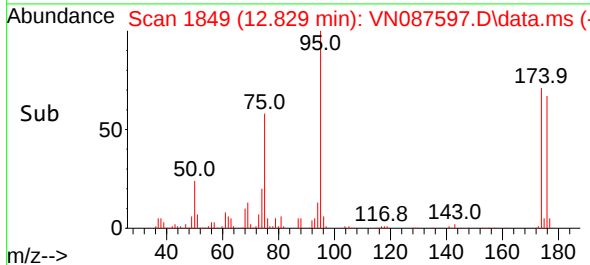
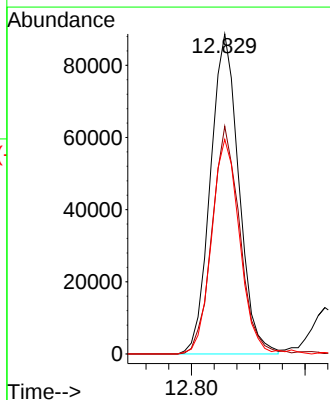
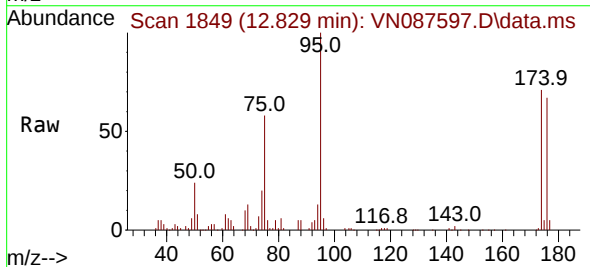
08/19/2025
Supervised By :Mahesh
Dadoda

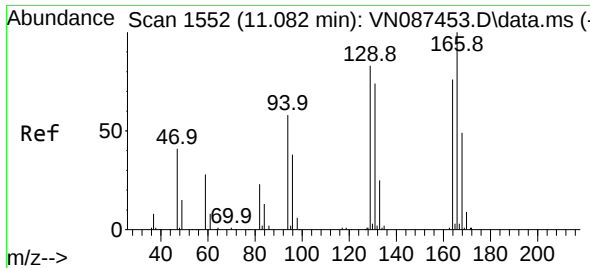
08/20/2025



#60
4-Bromofluorobenzene
Concen: 28.831 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

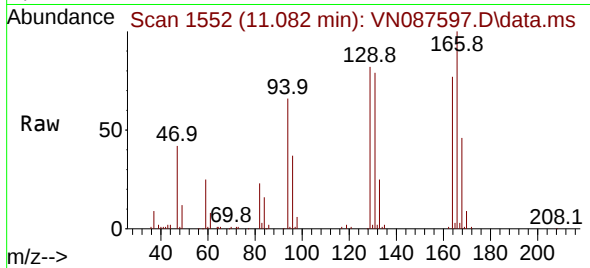
Tgt Ion: 95 Resp: 154270
Ion Ratio Lower Upper
95 100
174 69.4 52.3 78.5
176 65.8 49.8 74.8





#61
Tetrachloroethene
Concen: 19.961 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

Instrument :
MSVOA_N
ClientSampleId :
VN0818WBSD01



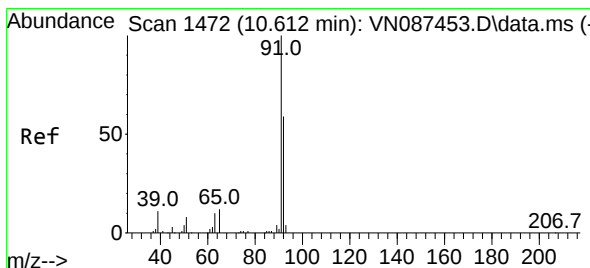
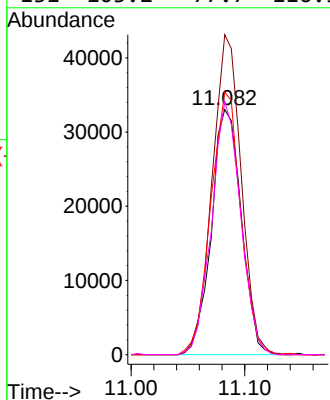
Tgt Ion:164 Resp: 6046
Ion Ratio Lower Upper
164 100
166 130.5 105.4 158.0
129 107.0 87.7 131.5
131 103.2 77.7 116.5

Manual Integrations
APPROVED

Reviewed By :John
Carlone

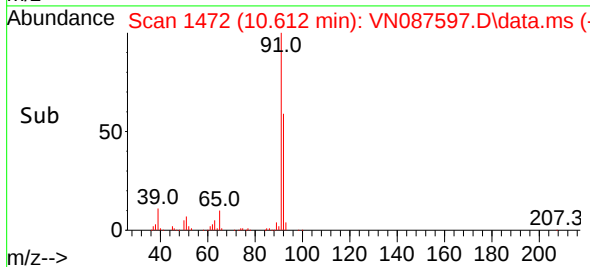
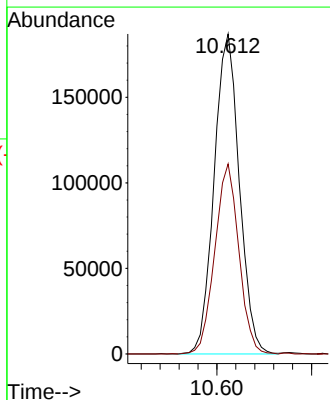
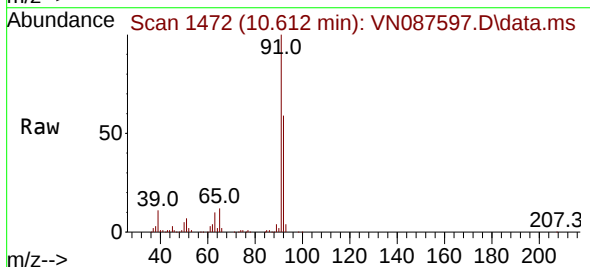
08/19/2025
Supervised By :Mahesh
Dadoda

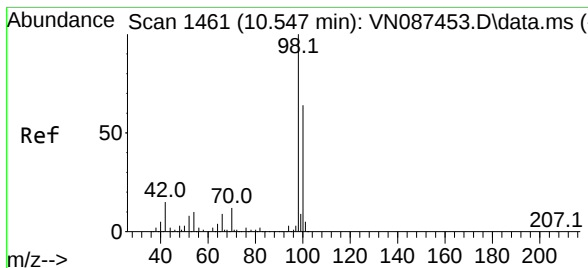
08/20/2025



#62
Toluene
Concen: 18.004 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

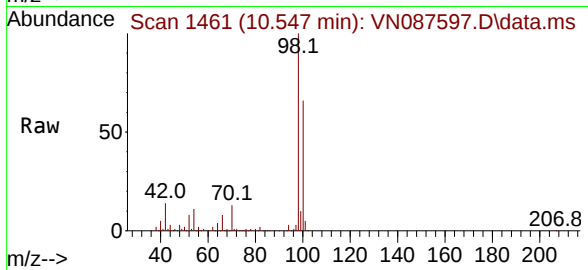
Tgt Ion: 91 Resp: 345500
Ion Ratio Lower Upper
91 100
92 56.6 45.8 68.6





#63
Toluene-d8
Concen: 29.677 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

Instrument :
MSVOA_N
ClientSampleId :
VN0818WBSD01



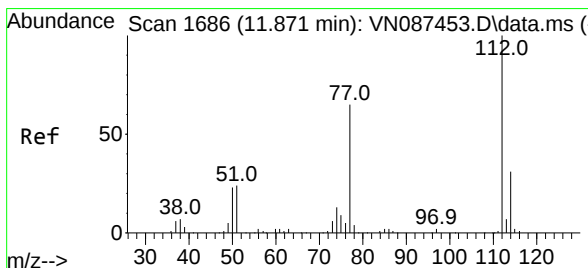
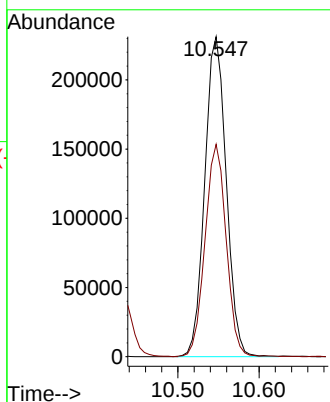
Tgt Ion: 98 Resp: 424585
Ion Ratio Lower Upper
98 100
100 65.3 50.5 75.7

Manual Integrations
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Reviewed By :John
Carlone

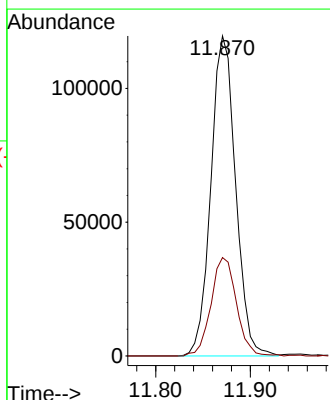
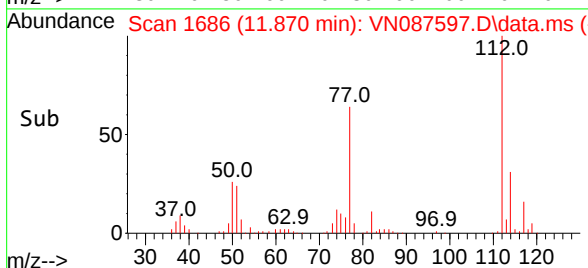
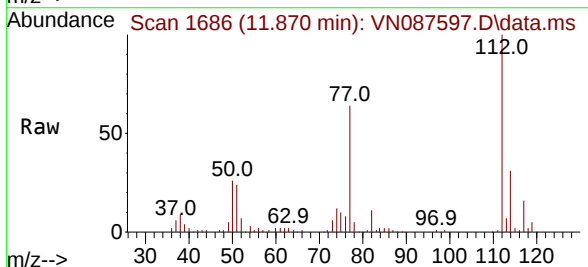
08/19/2025
Supervised By :Mahesh
Dadoda

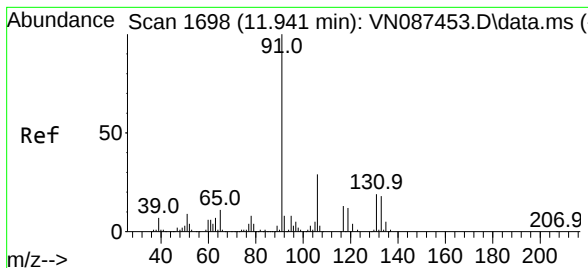
08/20/2025



#64
Chlorobenzene
Concen: 18.383 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

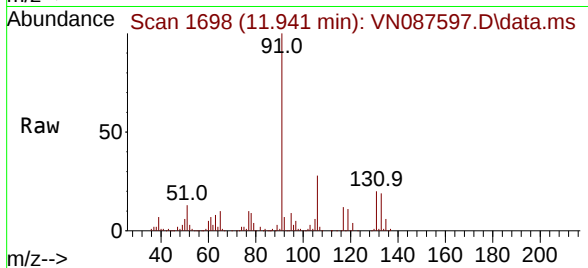
Tgt Ion:112 Resp: 216777
Ion Ratio Lower Upper
112 100
114 30.8 24.7 37.1





#65
1,1,1,2-Tetrachloroethane
Concen: 17.858 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

Instrument :
MSVOA_N
ClientSampleId :
VN0818WBSD01



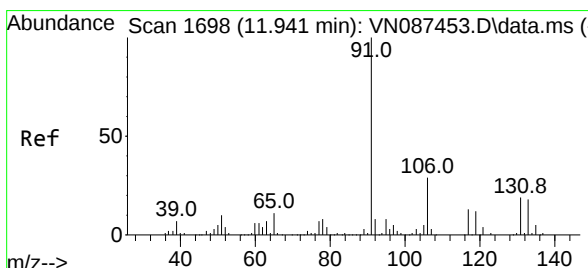
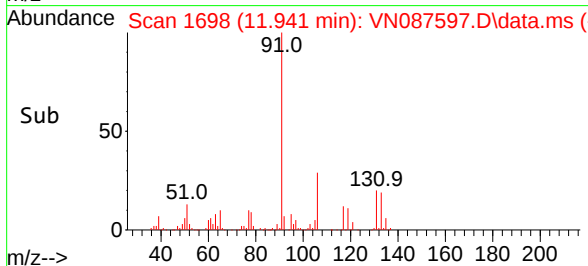
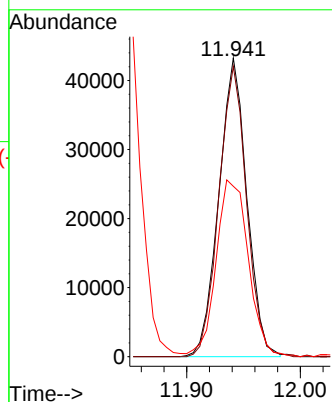
Tgt Ion:131 Resp: 74040
Ion Ratio Lower Upper
131 100
133 96.0 0.0 189.8
119 68.1 0.0 133.2

Manual Integrations
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Reviewed By :John
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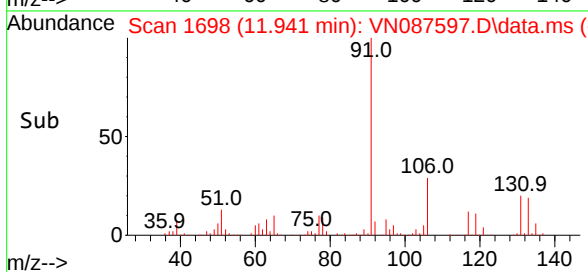
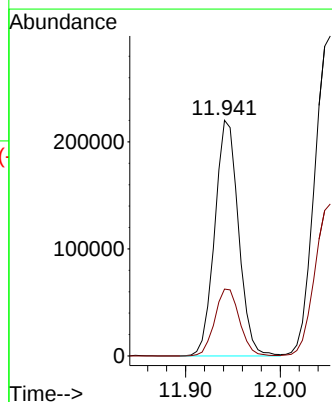
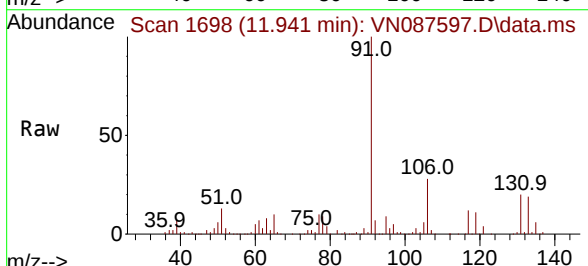
08/19/2025
Supervised By :Mahesh
Dadoda

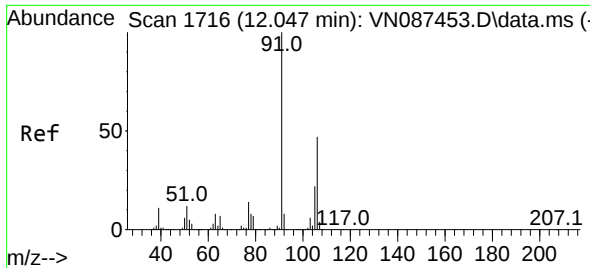
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#66
Ethyl Benzene
Concen: 17.950 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

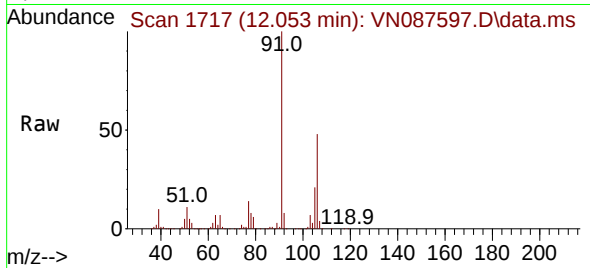
Tgt Ion: 91 Resp: 383950
Ion Ratio Lower Upper
91 100
106 28.4 22.9 34.3





#67
m/p-Xylenes
Concen: 36.167 ug/l
RT: 12.053 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

Instrument :
MSVOA_N
ClientSampleId :
VN0818WBSD01



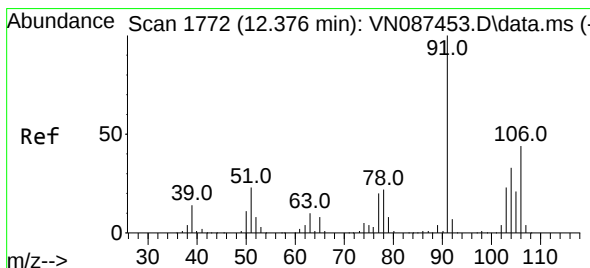
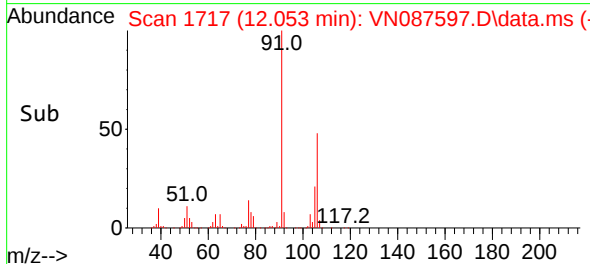
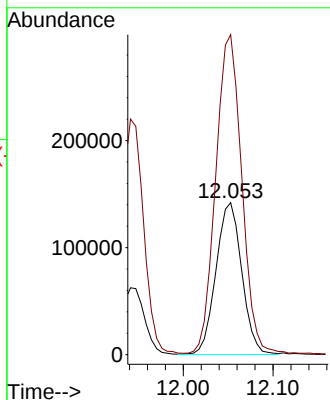
Tgt Ion:106 Resp: 283950
Ion Ratio Lower Upper
106 100
91 213.0 174.2 261.2

Manual Integrations
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Reviewed By :John
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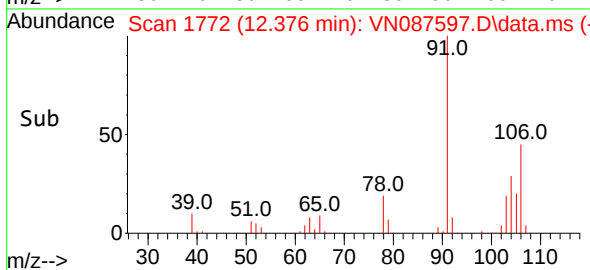
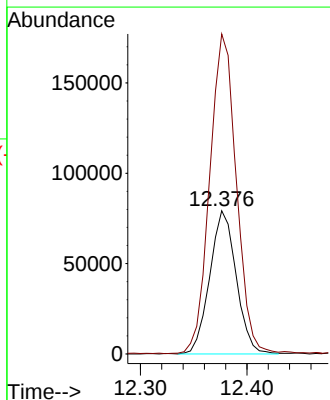
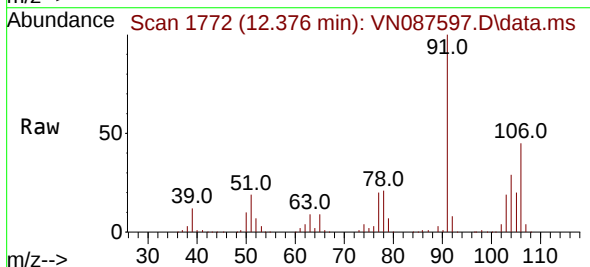
08/19/2025
Supervised By :Mahesh
Dadoda

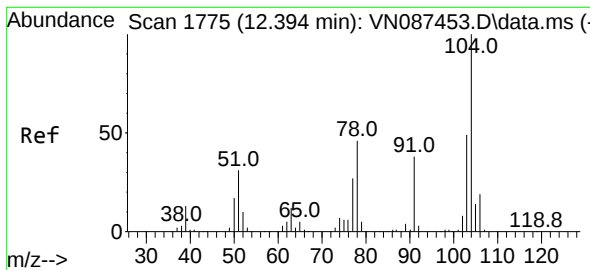
08/20/2025



#68
o-Xylene
Concen: 17.709 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

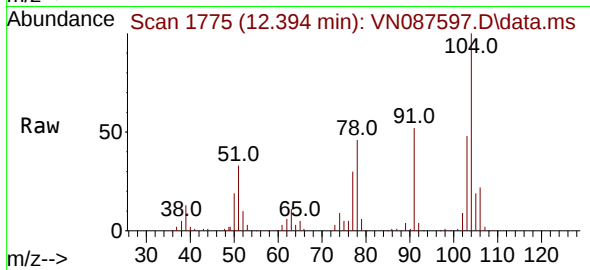
Tgt Ion:106 Resp: 136790
Ion Ratio Lower Upper
106 100
91 223.8 114.5 343.5





#69
Styrene
Concen: 17.521 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

Instrument :
MSVOA_N
ClientSampleId :
VN0818WBSD01



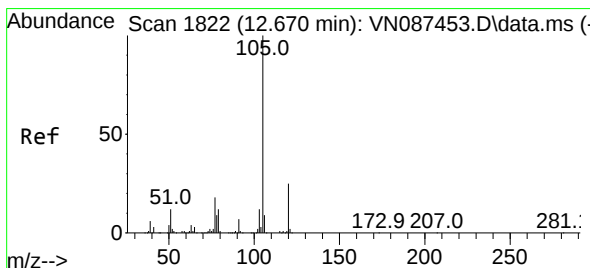
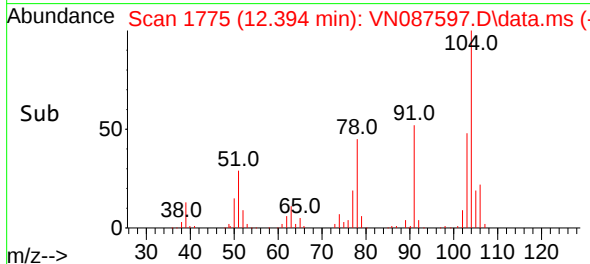
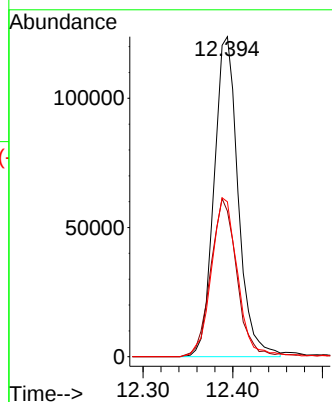
Tgt Ion:104 Resp: 231079
Ion Ratio Lower Upper
104 100
78 53.1 43.8 65.8
103 53.7 43.1 64.7

Manual Integrations
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Reviewed By :John
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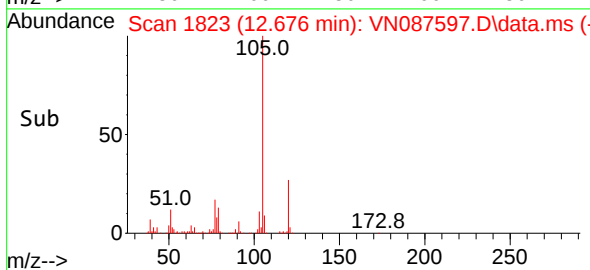
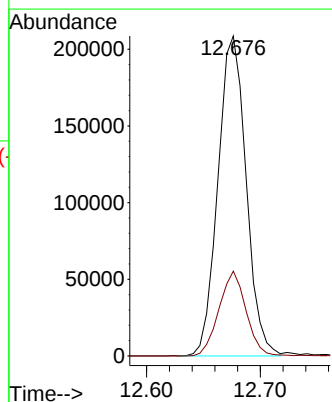
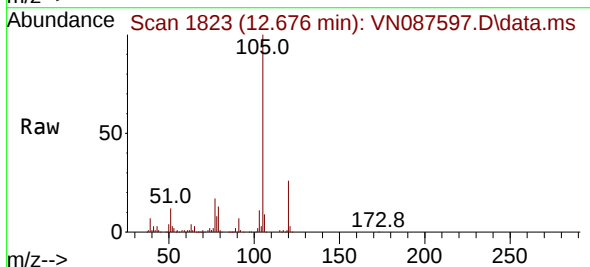
08/19/2025
Supervised By :Mahesh
Dadoda

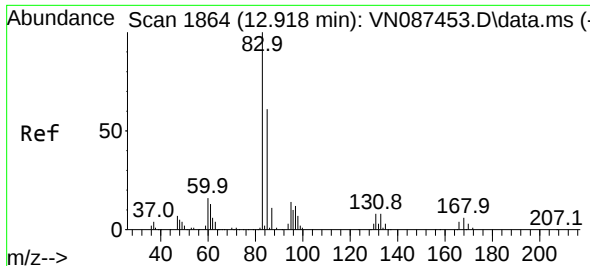
08/20/2025



#70
Isopropylbenzene
Concen: 18.331 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. 0.006 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

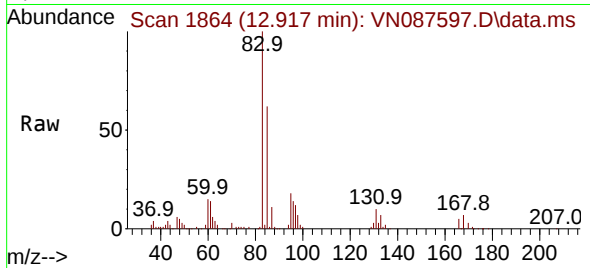
Tgt Ion:105 Resp: 359719
Ion Ratio Lower Upper
105 100
120 25.4 17.5 32.5





#71
1,1,2,2-Tetrachloroethane
Concen: 18.578 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

Instrument :
MSVOA_N
ClientSampleId :
VN0818WBSD01



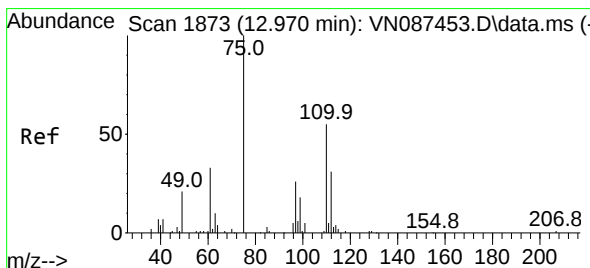
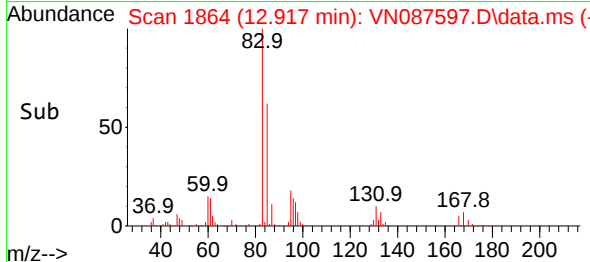
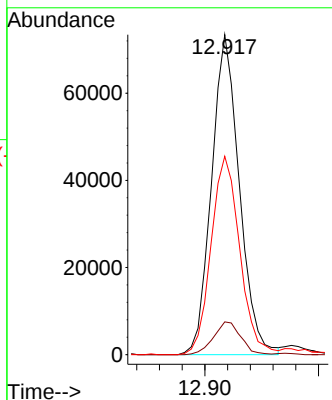
Tgt Ion: 83 Resp: 12491
Ion Ratio Lower Upper
83 100
131 10.1 4.8 14.3
85 63.8 31.7 95.1

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Reviewed By :John
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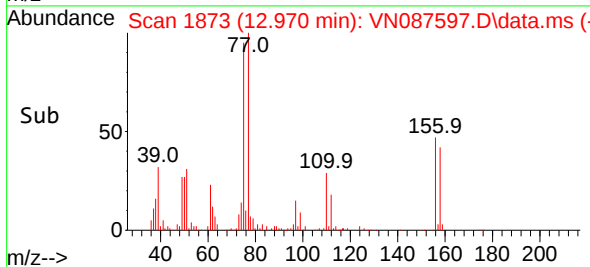
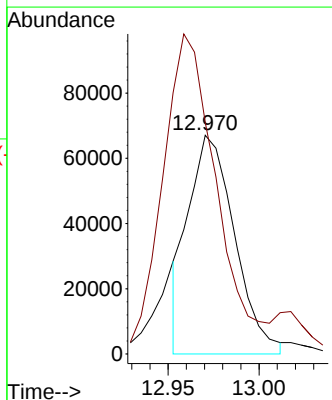
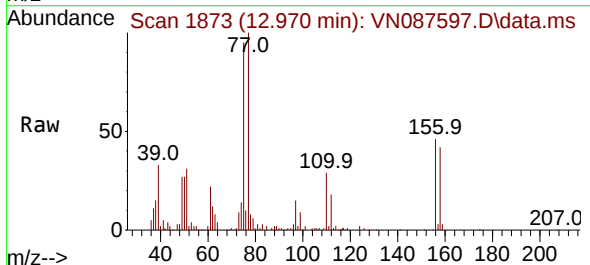
08/19/2025
Supervised By :Mahesh
Dadoda

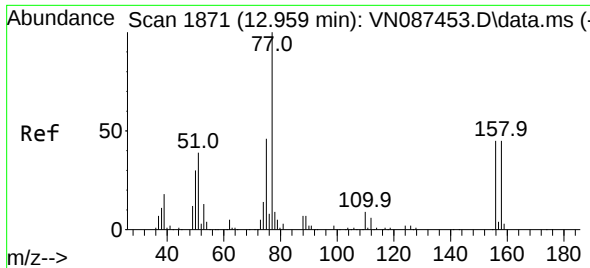
08/20/2025



#72
1,2,3-Trichloropropane
Concen: 18.916 ug/l m
RT: 12.970 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

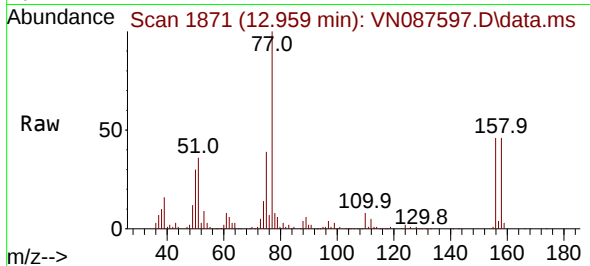
Tgt Ion: 75 Resp: 118482
Ion Ratio Lower Upper
75 100
77 172.1 0.0 385.0





#73
Bromobenzene
Concen: 18.395 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

Instrument :
MSVOA_N
ClientSampleId :
VN0818WBSD01



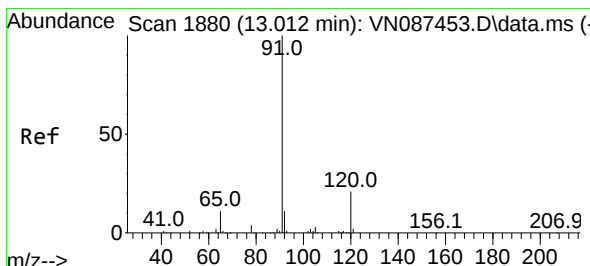
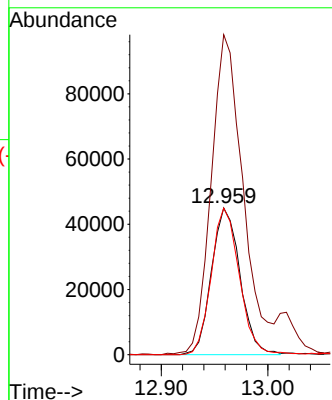
Tgt Ion:156 Resp: 8368
Ion Ratio Lower Upper
156 100
77 243.6 0.0 506.6
158 98.7 0.0 193.6

Manual Integrations
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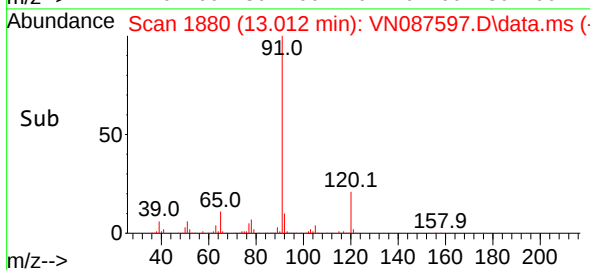
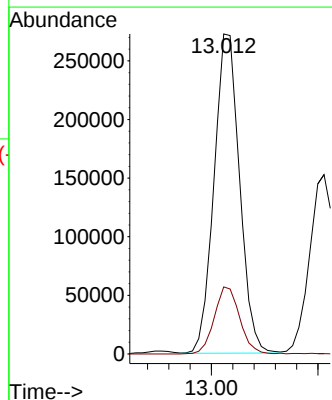
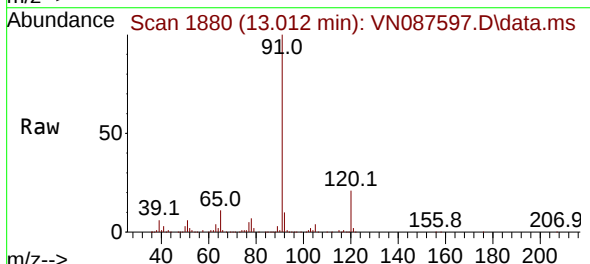
08/19/2025
Supervised By :Mahesh
Dadoda

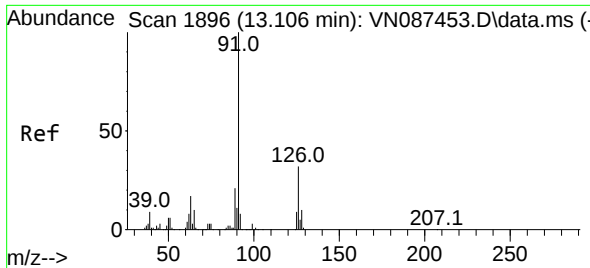
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#74
n-propylbenzene
Concen: 18.487 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

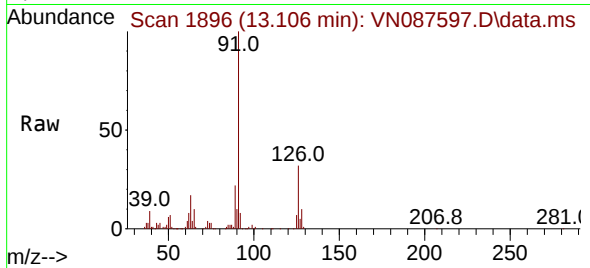
Tgt Ion: 91 Resp: 453083
Ion Ratio Lower Upper
91 100
120 20.8 0.0 41.8





#75
2-Chlorotoluene
Concen: 17.725 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

Instrument :
MSVOA_N
ClientSampleId :
VN0818WBSD01



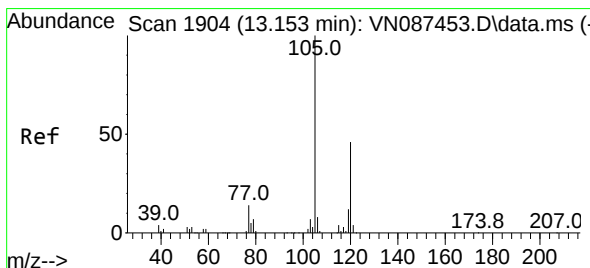
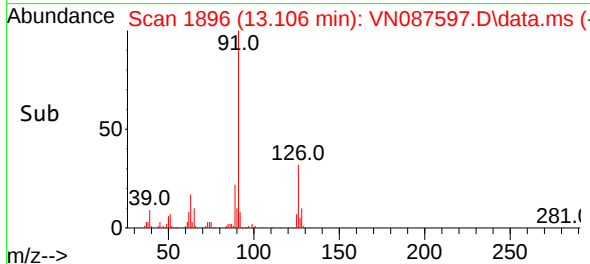
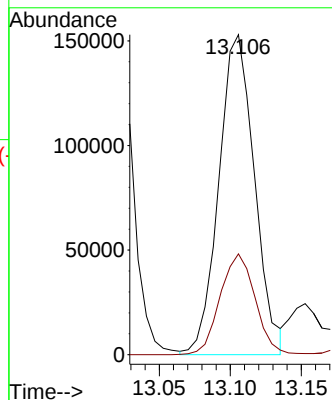
Tgt Ion: 91 Resp: 26720
Ion Ratio Lower Upper
91 100
126 31.1 0.0 60.4

Manual Integrations
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Reviewed By :John
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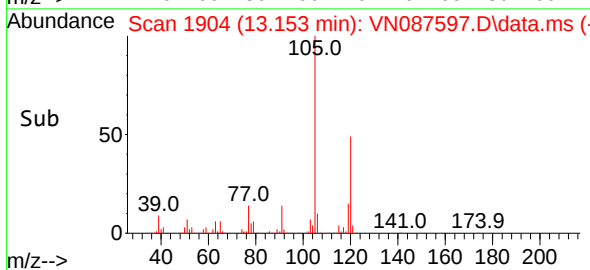
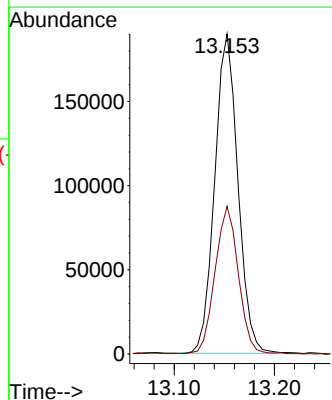
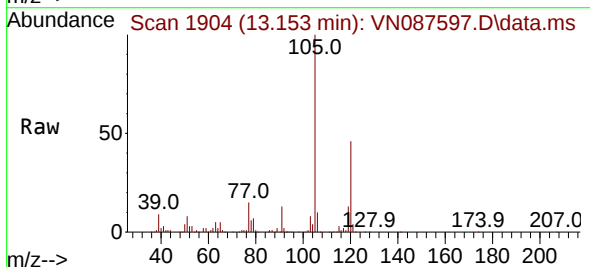
08/19/2025
Supervised By :Mahesh
Dadoda

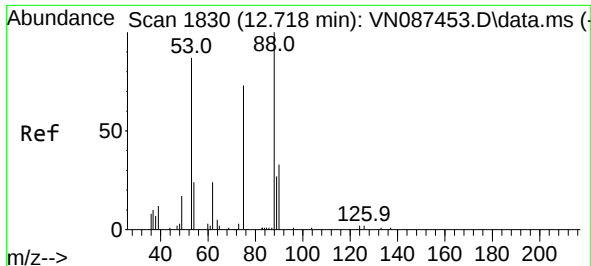
08/20/2025



#76
1,3,5-Trimethylbenzene
Concen: 18.123 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

Tgt Ion:105 Resp: 304513
Ion Ratio Lower Upper
105 100
120 46.1 0.0 91.2





#77
t-1,4-Dichloro-2-butene
Concen: 9.930 ug/l
RT: 12.723 min Scan# 1831
Delta R.T. 0.006 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

Instrument :
MSVOA_N
ClientSampleId :
VN0818WBSD01

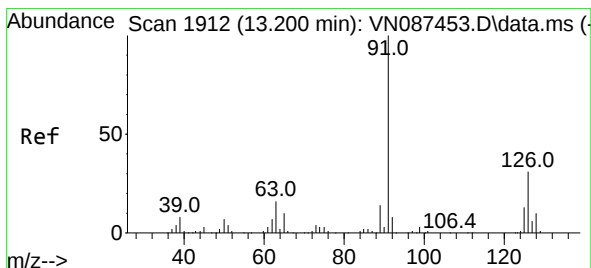
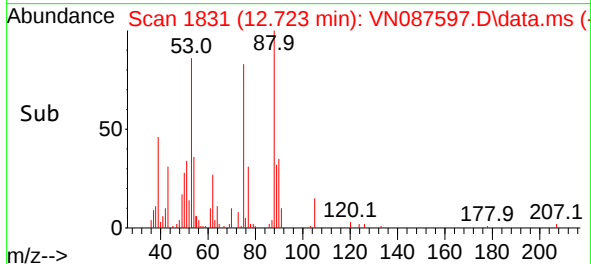
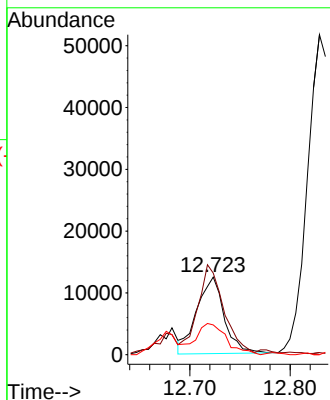
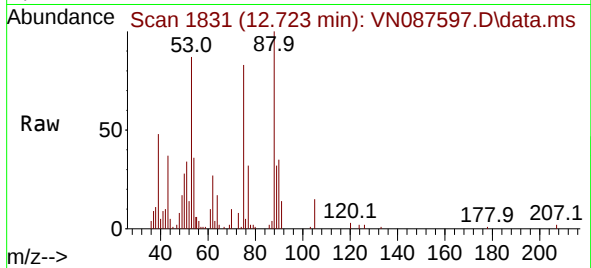
Tgt Ion: 75 Resp: 23549
Ion Ratio Lower Upper
75 100
53 105.4 59.0 176.8
89 37.5 22.1 66.5

Manual Integrations
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Reviewed By :John
Carlone

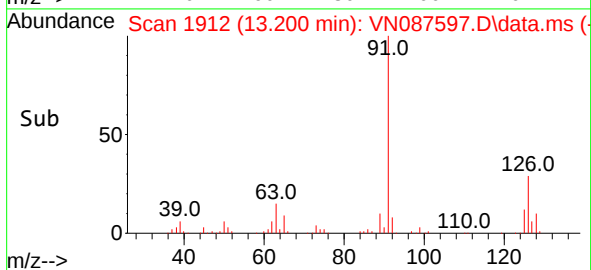
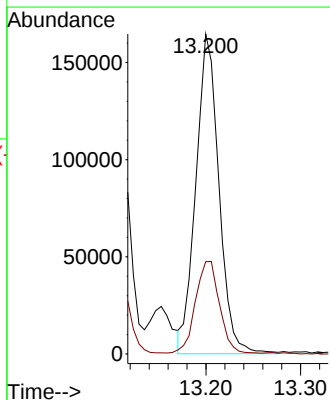
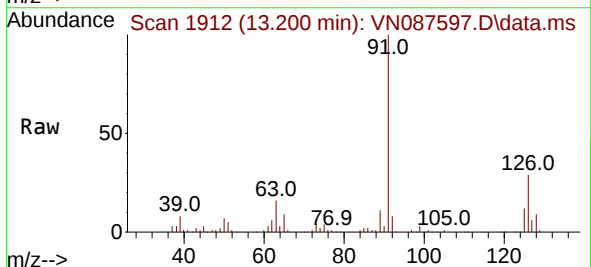
08/19/2025
Supervised By :Mahesh
Dadoda

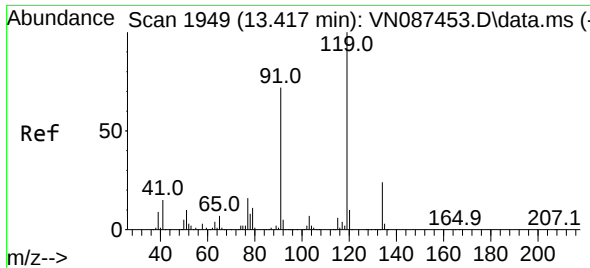
08/20/2025



#78
4-Chlorotoluene
Concen: 18.218 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

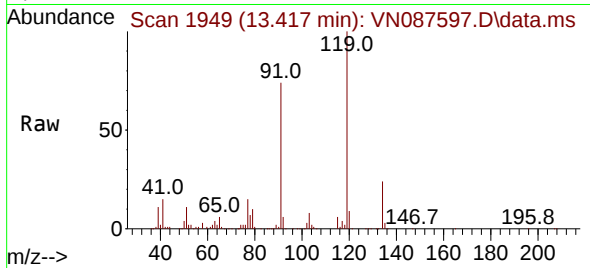
Tgt Ion: 91 Resp: 278322
Ion Ratio Lower Upper
91 100
126 30.6 0.0 63.2





#79
tert-butylbenzene
Concen: 18.475 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

Instrument :
MSVOA_N
ClientSampleId :
VN0818WBSD01



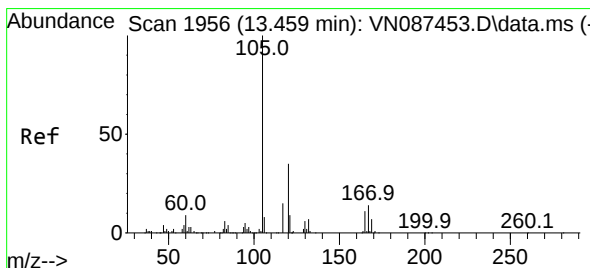
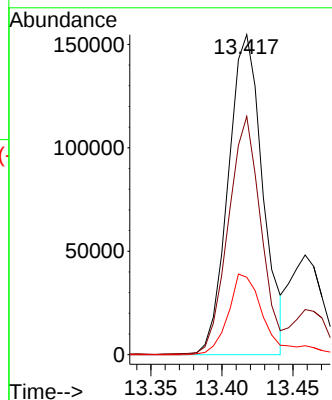
Tgt Ion:119 Resp: 261728
Ion Ratio Lower Upper
119 100
91 70.3 0.0 141.6
134 25.1 0.0 45.6

Manual Integrations
APPROVED

Reviewed By :John
Carlone

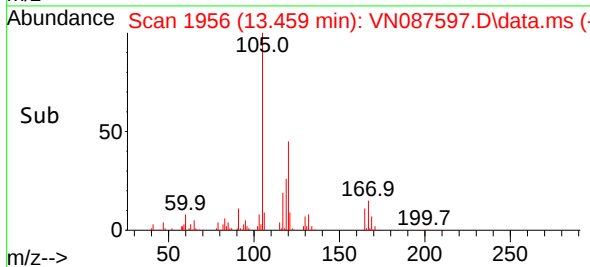
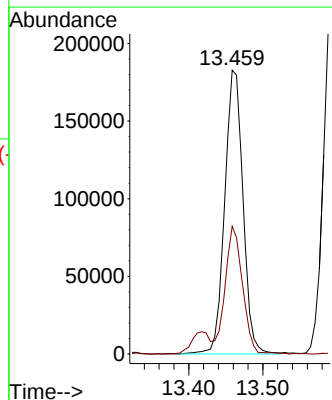
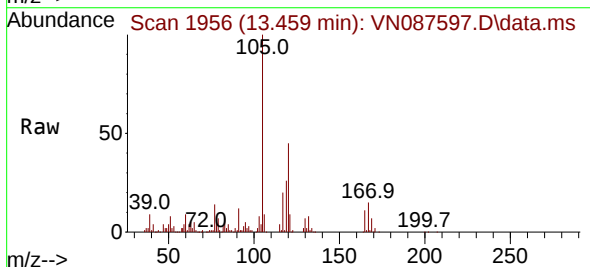
08/19/2025
Supervised By :Mahesh
Dadoda

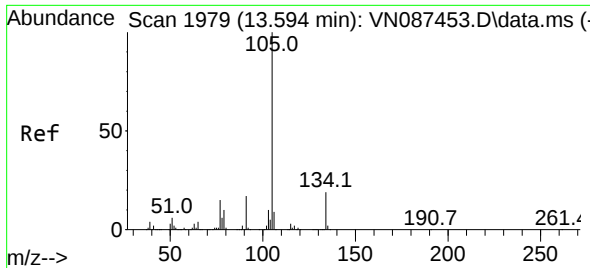
08/20/2025



#80
1,2,4-Trimethylbenzene
Concen: 18.643 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

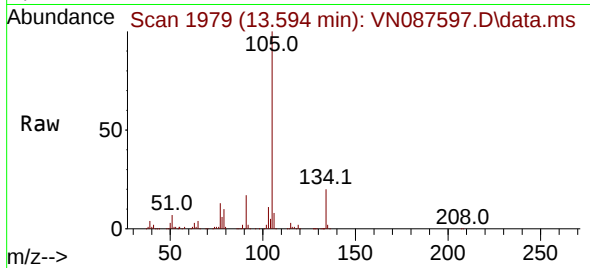
Tgt Ion:105 Resp: 312997
Ion Ratio Lower Upper
105 100
120 42.3 0.0 87.2





#81
 sec-Butylbenzene
 Concen: 18.786 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN087597.D
 Acq: 18 Aug 2025 10:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0818WBSD01



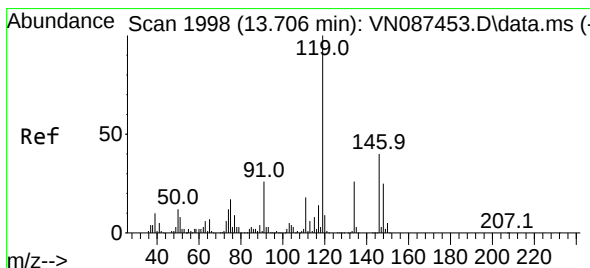
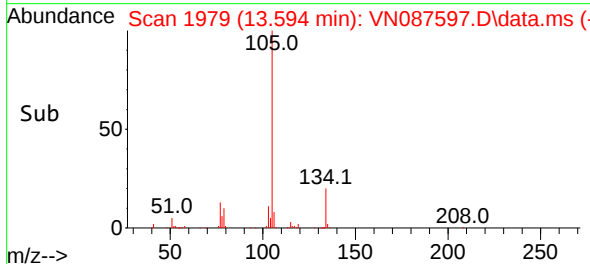
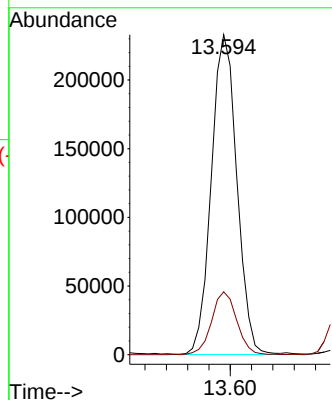
Tgt Ion:105 Resp: 387428
 Ion Ratio Lower Upper
 105 100
 134 19.3 0.0 37.6

Manual Integrations
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Reviewed By :John
 Carlone

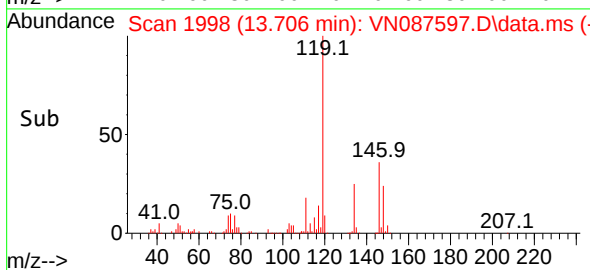
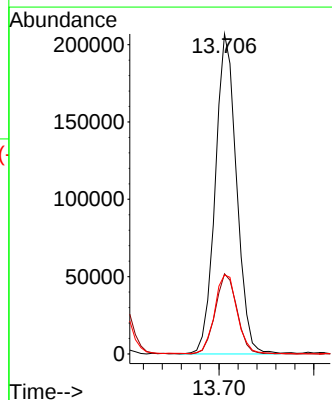
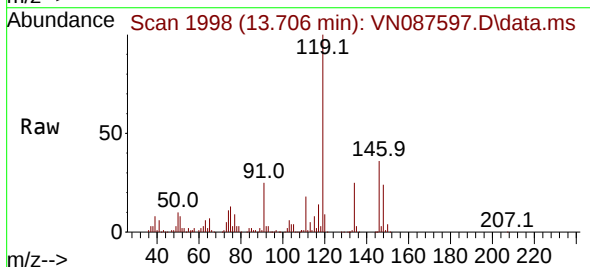
08/19/2025
 Supervised By :Mahesh
 Dadoda

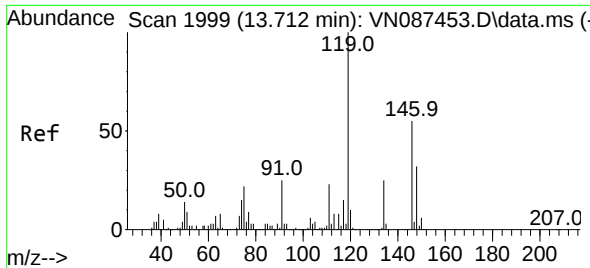
08/20/2025



#82
 p-Isopropyltoluene
 Concen: 18.883 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN087597.D
 Acq: 18 Aug 2025 10:39

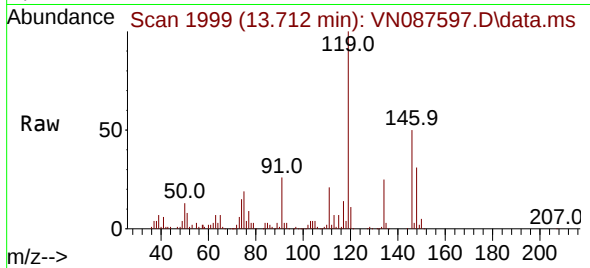
Tgt Ion:119 Resp: 323351
 Ion Ratio Lower Upper
 119 100
 134 25.5 0.0 51.4
 91 26.0 0.0 52.0





#83
1,3-Dichlorobenzene
Concen: 18.514 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

Instrument :
MSVOA_N
ClientSampleId :
VN0818WBSD01



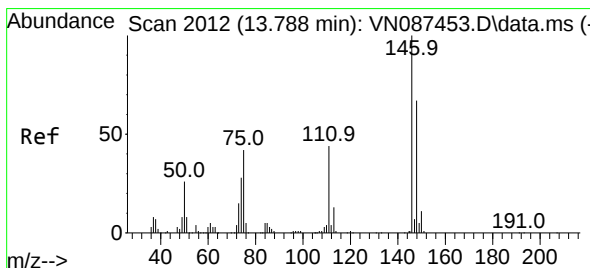
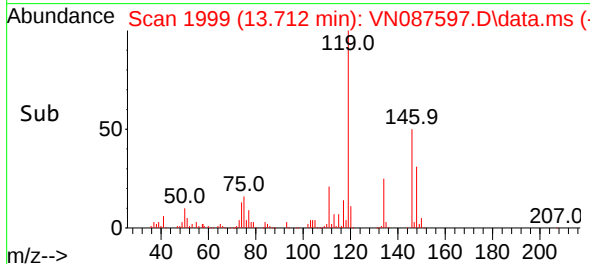
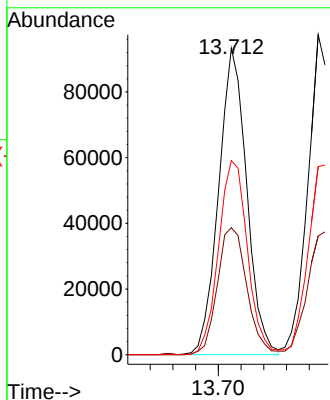
Tgt Ion:146 Resp: 160385
Ion Ratio Lower Upper
146 100
111 43.7 21.9 65.5
148 65.2 31.3 93.9

Manual Integrations
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Reviewed By :John
Carlone

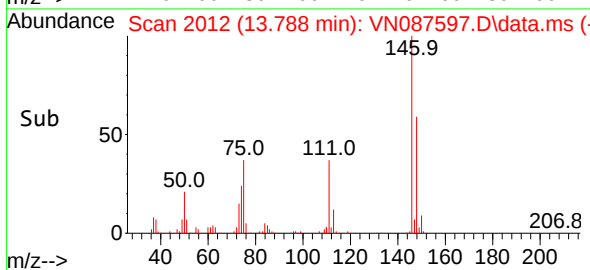
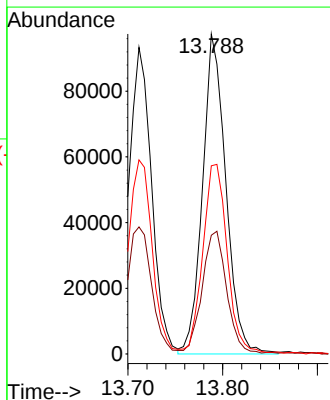
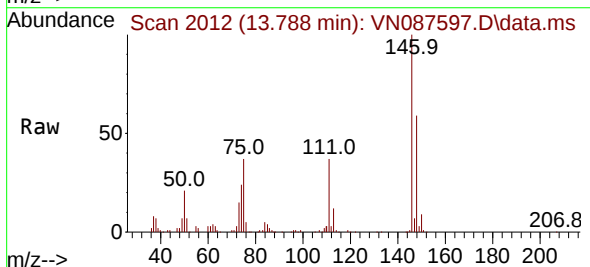
08/19/2025
Supervised By :Mahesh
Dadoda

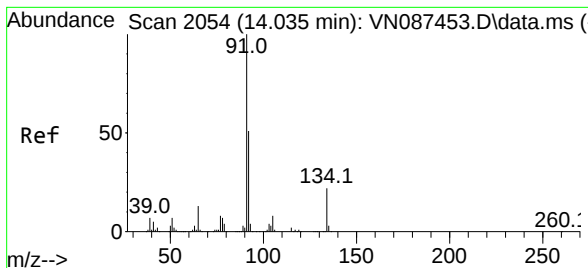
08/20/2025



#84
1,4-Dichlorobenzene
Concen: 18.987 ug/l
RT: 13.788 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

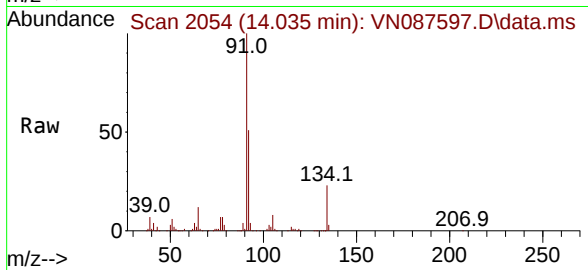
Tgt Ion:146 Resp: 166757
Ion Ratio Lower Upper
146 100
111 40.3 21.1 63.1
148 62.0 31.4 94.3





#85
n-Butylbenzene
Concen: 19.066 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

Instrument :
MSVOA_N
ClientSampleId :
VN0818WBSD01



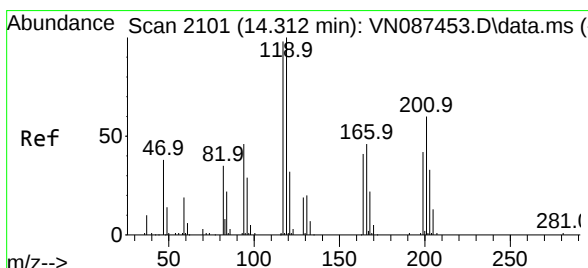
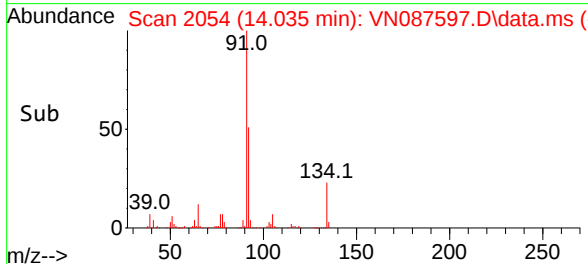
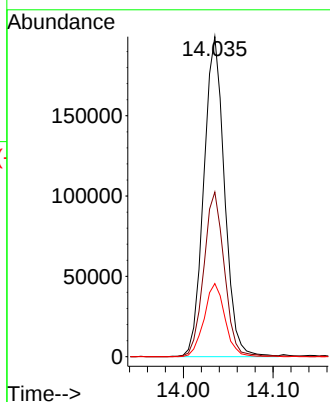
Tgt Ion: 91 Resp: 319419
Ion Ratio Lower Upper
91 100
92 51.1 0.0 106.6
134 23.0 0.0 44.4

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Reviewed By :John
Carlone

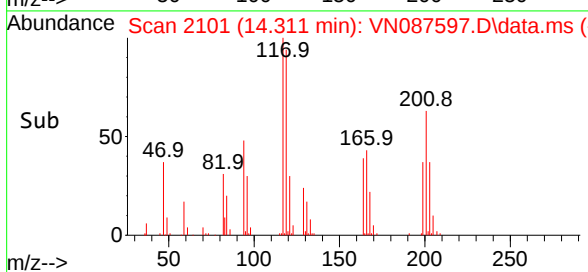
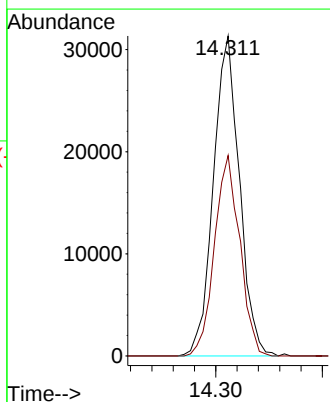
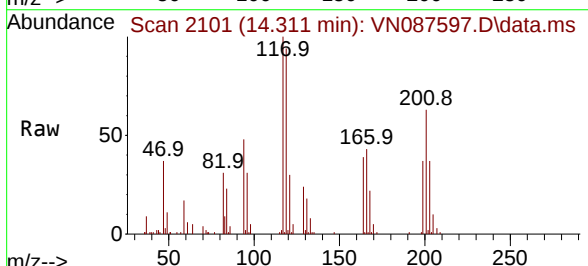
08/19/2025
Supervised By :Mahesh
Dadoda

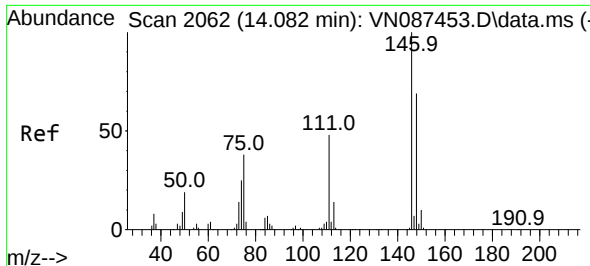
08/20/2025



#86
Hexachloroethane
Concen: 15.886 ug/l
RT: 14.311 min Scan# 2101
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

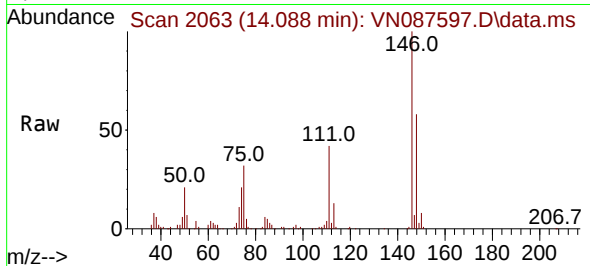
Tgt Ion:117 Resp: 53120
Ion Ratio Lower Upper
117 100
201 61.0 29.1 87.4





#87
1,2-Dichlorobenzene
Concen: 18.875 ug/l
RT: 14.088 min Scan# 2062
Delta R.T. 0.006 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

Instrument :
MSVOA_N
ClientSampleId :
VN0818WBSD01



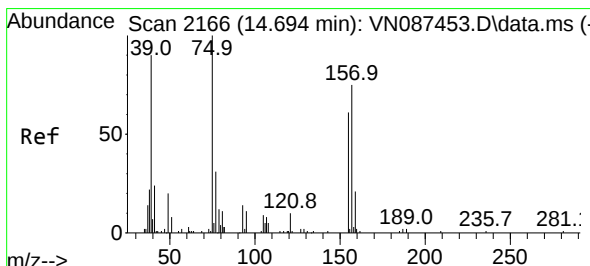
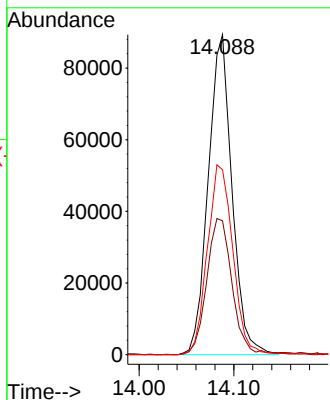
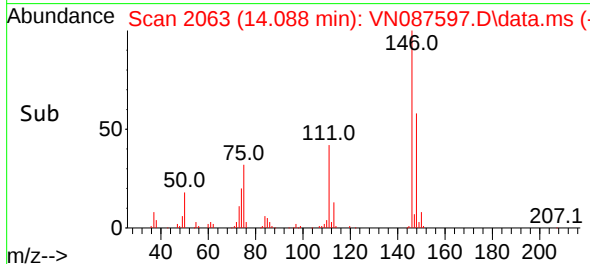
Tgt Ion:146 Resp: 156074
Ion Ratio Lower Upper
146 100
111 45.2 22.9 68.7
148 63.3 31.6 94.7

Manual Integrations
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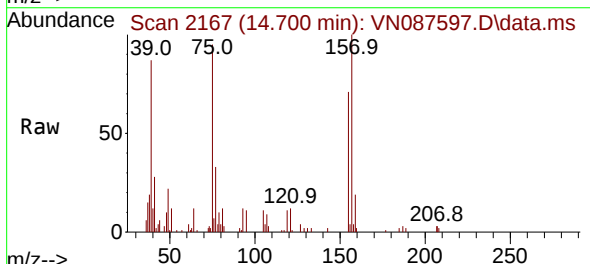
Reviewed By :John
Carlone

08/19/2025
Supervised By :Mahesh
Dadoda

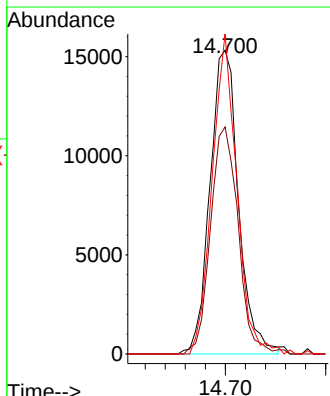
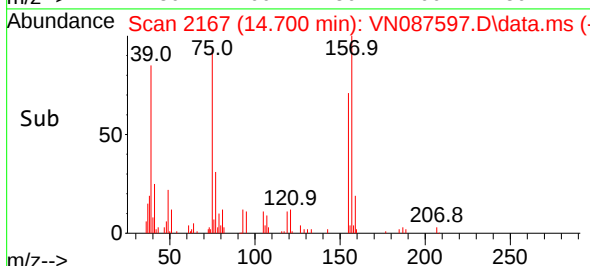
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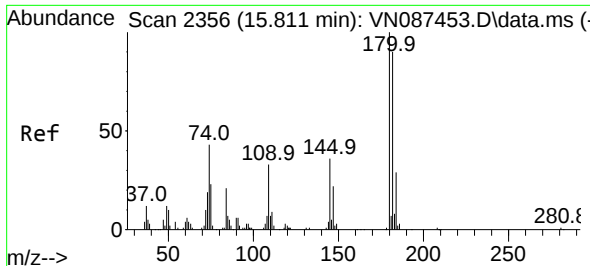


#88
1,2-Dibromo-3-Chloropropane
Concen: 17.728 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. 0.006 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39



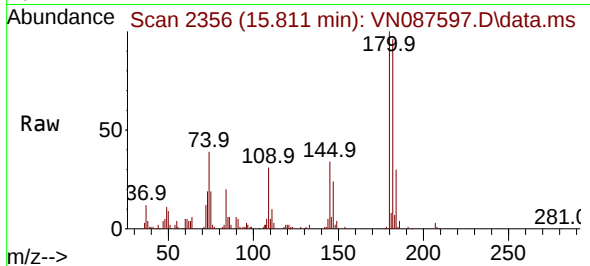
Tgt Ion: 75 Resp: 30197
Ion Ratio Lower Upper
75 100
155 72.3 55.7 83.5
157 91.1 65.8 98.6





#89
1,2,4-Trichlorobenzene
Concen: 18.473 ug/l
RT: 15.811 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

Instrument :
MSVOA_N
ClientSampleId :
VN0818WBSD01



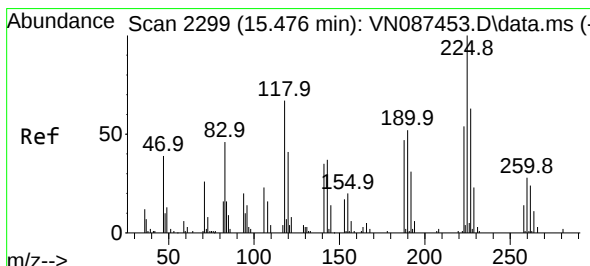
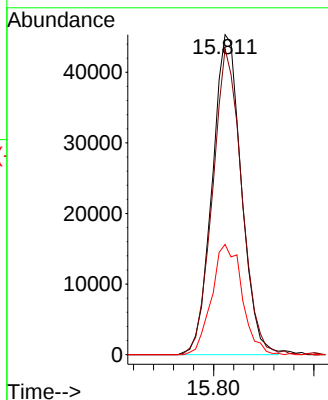
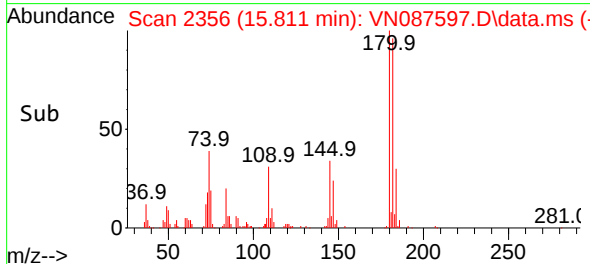
Tgt Ion:180 Resp: 91292
Ion Ratio Lower Upper
180 100
182 95.6 75.0 112.4
145 36.0 28.6 43.0

Manual Integrations
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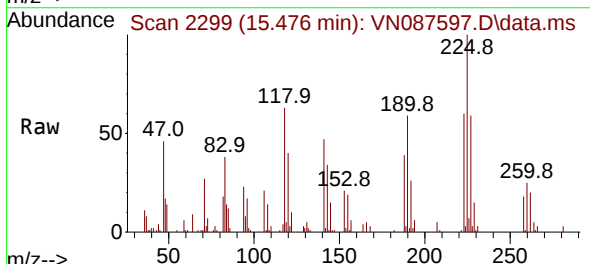
Reviewed By :John
Carlone

08/19/2025
Supervised By :Mahesh
Dadoda

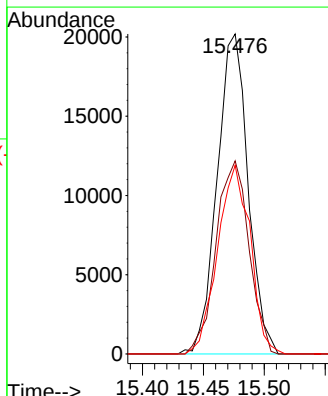
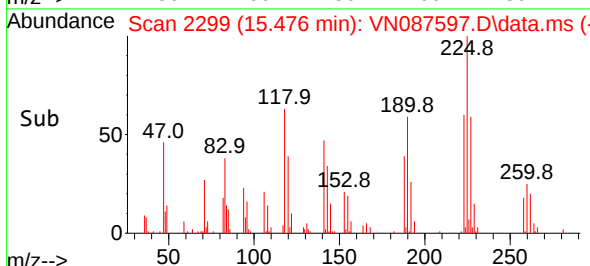
08/20/2025

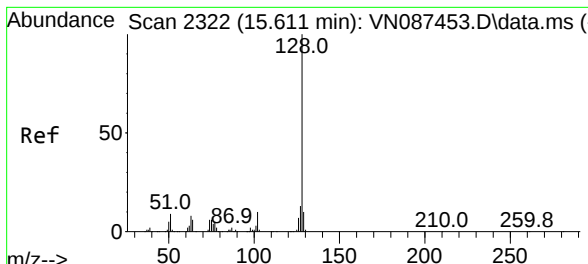


#90
Hexachlorobutadiene
Concen: 18.571 ug/l
RT: 15.476 min Scan# 2299
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39



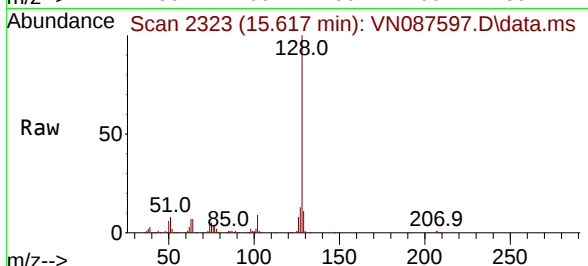
Tgt Ion:225 Resp: 35687
Ion Ratio Lower Upper
225 100
223 64.3 0.0 116.0
227 62.0 0.0 127.0





#91
Naphthalene
Concen: 18.506 ug/l
RT: 15.617 min Scan# 2323
Delta R.T. 0.006 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

Instrument :
MSVOA_N
ClientSampleId :
VN0818WBSD01



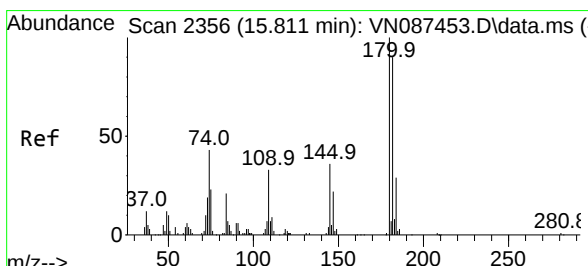
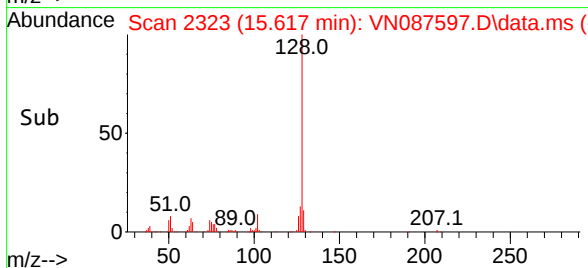
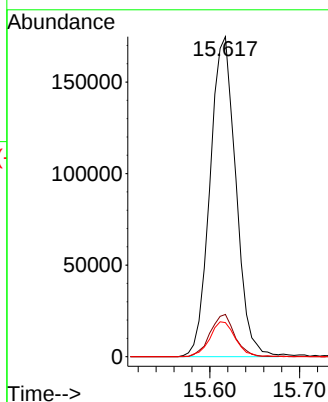
Tgt Ion:128 Resp: 348710
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.8 8.9 13.3

Manual Integrations
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Reviewed By :John
Carlone

08/19/2025
Supervised By :Mahesh
Dadoda

08/20/2025



#92
1,2,3-Trichlorobenzene
Concen: 18.473 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

Tgt Ion:180 Resp: 91292
Ion Ratio Lower Upper
180 100
182 95.6 0.0 187.4
145 36.0 0.0 71.6

