

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073025\
 Data File : VN087437.D
 Acq On : 30 Jul 2025 09:19
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Manual Integrations

APPROVED

Reviewed By :John
 Carlone

07/31/2025

Supervised By :Mahesh
 Dadoda

07/31/2025

Quant Time: Jul 31 01:10:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072825W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jul 28 11:35:47 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	D
-----							07
Internal Standards							
1) Bromochloromethane	7.794	128	54900	30.000	ug/l	0.00	
28) 1,4-Difluorobenzene	9.083	114	310969	30.000	ug/l	0.00	
57) Chlorobenzene-d5	11.847	117	281690	30.000	ug/l	0.00	
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	8.559	65	134116	31.947	ug/l	0.00	
Spiked Amount	30.000	Range	91 - 110	Recovery	=	106.500%	
60) 4-Bromofluorobenzene	12.829	95	134007	28.970	ug/l	0.00	
Spiked Amount	30.000	Range	63 - 112	Recovery	=	96.567%	
63) Toluene-d8	10.547	98	393088	30.386	ug/l	0.00	
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.300%	
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.142	85	57513	17.955	ug/l		94
3) Chloromethane	2.383	50	61140	17.981	ug/l		99
4) Vinyl Chloride	2.542	62	58725	17.070	ug/l		98
5) Bromomethane	2.983	94	27694	16.508	ug/l		99
6) Chloroethane	3.136	64	37385	19.267	ug/l	#	86
7) Trichlorofluoromethane	3.512	101	83323	19.251	ug/l		98
8) Diethyl Ether	3.959	74	37088	20.531	ug/l		97
9) 1,1,2-Trichlorotrifluo...	4.359	101	44363m	18.789	ug/l		
10) 1,1-Dichloroethene	4.336	96	46630	19.854	ug/l		94
11) Methyl Iodide	4.571	142	27541	12.950	ug/l		95
12) Methyl Acetate	5.018	43	101180	19.758	ug/l	#	91
13) Acrolein	4.171	56	55618	133.171	ug/l		99
14) Acrylonitrile	5.712	53	210271	94.693	ug/l		100
15) Acetone	4.418	58	62014	120.495	ug/l		84
16) Carbon Disulfide	4.701	76	134310	16.091	ug/l	#	88
17) Allyl chloride	5.012	41	100267	18.322	ug/l		98
18) Methylene Chloride	5.259	84	61019	17.257	ug/l	#	86
19) trans-1,2-Dichloroethene	5.777	96	55600	16.664	ug/l		99
20) Diisopropyl ether	6.665	45	236639	19.006	ug/l		97
21) 1,1-Dichloroethane	6.553	63	116265	18.424	ug/l		97
22) cis-1,2-Dichloroethene	7.471	96	72382	17.849	ug/l		98
23) tert-Butyl Alcohol	5.524	59	83296	96.778	ug/l	#	100
24) Methyl tert-Butyl Ether	5.795	73	215277	18.475	ug/l		97
25) Chloroform	7.947	83	116916	18.351	ug/l		94
26) Cyclohexane	8.241	56	96822	16.613	ug/l		95
29) 1,1-Dichloropropene	8.359	75	76926	17.426	ug/l		98
30) 2-Butanone	7.477	43	313973	98.166	ug/l		98
31) 2,2-Dichloropropane	7.471	77	98196	17.851	ug/l	#	80
32) 1,1,1-Trichloroethane	8.147	97	92631	17.457	ug/l		99
33) Carbon Tetrachloride	8.347	117	76382	17.457	ug/l		97
34) Benzene	8.588	78	258308	17.890	ug/l		99
35) Methacrylonitrile	7.765	41	67621	18.456	ug/l		94
36) 1,2-Dichloroethane	8.653	62	89864	18.702	ug/l	#	93
37) Trichloroethene	9.335	130	56815	17.238	ug/l		98
38) Methylcyclohexane	9.583	83	89255	15.676	ug/l		97
39) 1,2-Dichloropropane	9.606	63	67864	18.669	ug/l		97
40) Dibromomethane	9.688	93	48719	18.893	ug/l		97
41) Bromodichloromethane	9.871	83	98350	18.951	ug/l		94
42) Vinyl Acetate	6.595	43	1010741	93.905	ug/l		98

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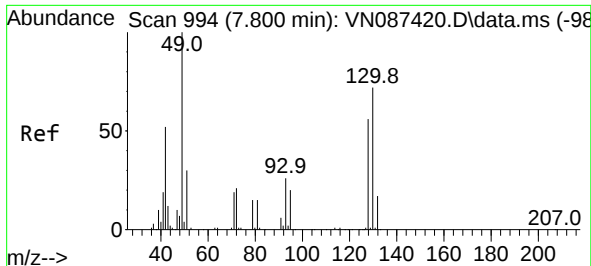
Reviewed By :John
 Carlone

Quant Time: Jul 31 01:10:55 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.553	43	122876m	18.741	ug/l	
44) Isopropyl Acetate	8.677	43	206595	19.723	ug/l	95
45) 1,4-Dioxane	9.683	88	28436	427.865	ug/l #	27
46) Methyl methacrylate	9.665	41	90926	18.643	ug/l	95
47) n-amyl Acetate	12.524	43	83136m	19.252	ug/l	
48) t-1,3-Dichloropropene	10.818	75	108905	18.640	ug/l	99
49) cis-1,3-Dichloropropene	10.294	75	112712	18.369	ug/l	98
50) 1,1,2-Trichloroethane	11.000	97	62202	18.122	ug/l	99
51) Ethyl methacrylate	10.859	69	115449	18.573	ug/l	90
52) 1,3-Dichloropropane	11.141	76	111645	18.820	ug/l	99
53) Dibromochloromethane	11.341	129	73570	18.687	ug/l	99
54) 1,2-Dibromoethane	11.447	107	66981	18.546	ug/l	99
55) 2-Chloroethyl vinyl ether	10.141	63	331080	129.542	ug/l	98
56) Bromoform	12.559	173	47252	17.103	ug/l	99
58) 4-Methyl-2-Pentanone	10.424	43	627206	98.851	ug/l	99
59) 2-Hexanone	11.182	43	419225	95.341	ug/l	98
61) Tetrachloroethene	11.082	164	45038	16.840	ug/l	94
62) Toluene	10.612	91	280326	17.633	ug/l	99
64) Chlorobenzene	11.871	112	170783	17.469	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.941	131	60589	18.276	ug/l	99
66) Ethyl Benzene	11.941	91	308416	17.757	ug/l	100
67) m/p-Xylenes	12.053	106	228921	35.175	ug/l	99
68) o-Xylene	12.376	106	114894	18.040	ug/l	99
69) Styrene	12.394	104	193630	17.775	ug/l	99
70) Isopropylbenzene	12.676	105	285966	17.484	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.918	83	102687	18.413	ug/l	98
72) 1,2,3-Trichloropropane	12.971	75	85820m	16.917	ug/l	
73) Bromobenzene	12.959	156	66654	17.540	ug/l	99
74) n-propylbenzene	13.018	91	353029	17.483	ug/l	99
75) 2-Chlorotoluene	13.106	91	210818	17.591	ug/l	100
76) 1,3,5-Trimethylbenzene	13.153	105	240427	17.744	ug/l	99
77) t-1,4-Dichloro-2-butene	12.718	75	33583	15.601	ug/l	98
78) 4-Chlorotoluene	13.200	91	222613	18.089	ug/l	99
79) tert-butylbenzene	13.418	119	207134	17.696	ug/l	97
80) 1,2,4-Trimethylbenzene	13.459	105	240997	17.925	ug/l	100
81) sec-Butylbenzene	13.594	105	304439	17.510	ug/l	98
82) p-Isopropyltoluene	13.712	119	250907	17.780	ug/l	99
83) 1,3-Dichlorobenzene	13.712	146	128128	17.817	ug/l	98
84) 1,4-Dichlorobenzene	13.794	146	131201	17.446	ug/l	97
85) n-Butylbenzene	14.035	91	244788	17.223	ug/l	98
86) Hexachloroethane	14.312	117	50807	17.727	ug/l	92
87) 1,2-Dichlorobenzene	14.088	146	128306	18.353	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.700	75	22283	17.311	ug/l	97
89) 1,2,4-Trichlorobenzene	15.812	180	71068	16.667	ug/l	99
90) Hexachlorobutadiene	15.476	225	25335	15.606	ug/l	95
91) Naphthalene	15.612	128	282785	17.547	ug/l	99
92) 1,2,3-Trichlorobenzene	15.812	180	71068	16.667	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: VN087437.D
Acq: 30 Jul 2025 09:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

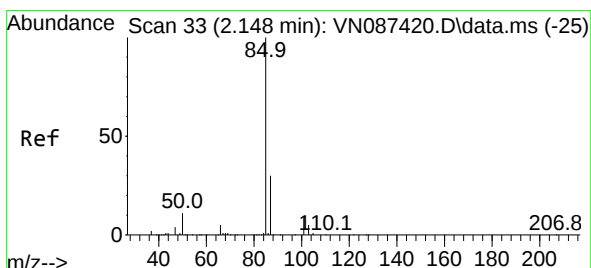
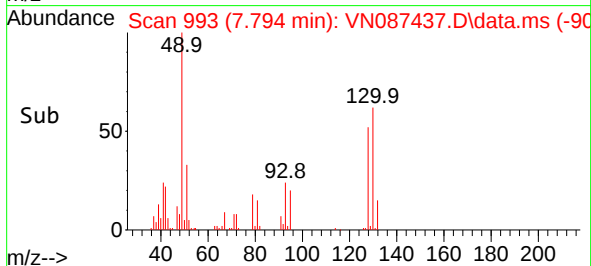
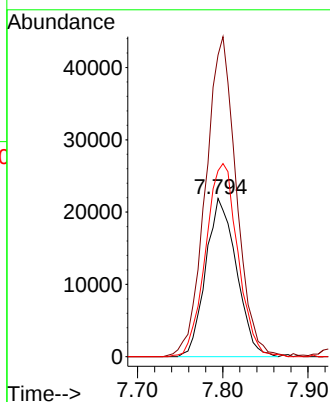
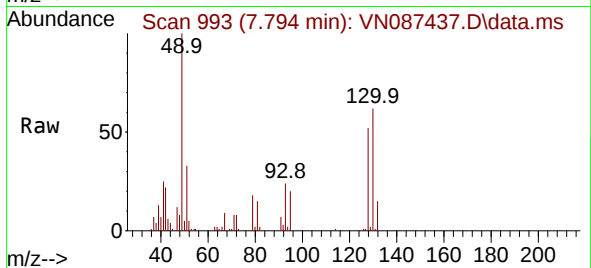
Tgt Ion:128 Resp: 54900
Ion Ratio Lower Upper
128 100
49 202.3 0.0 457.3
130 128.2 0.0 316.0

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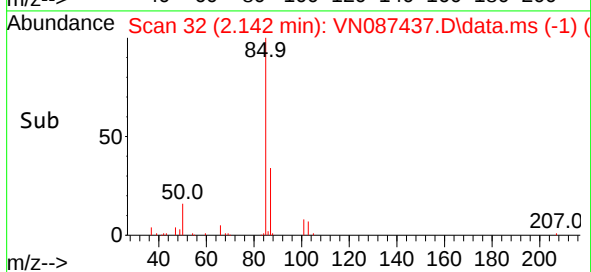
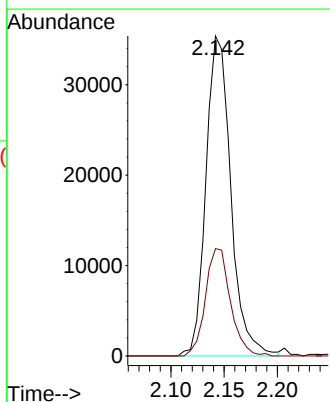
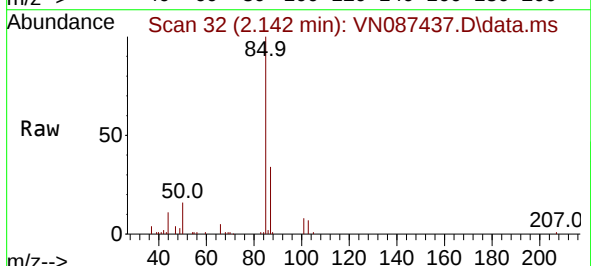
07/31/2025
Supervised By :Mahesh
Dadoda

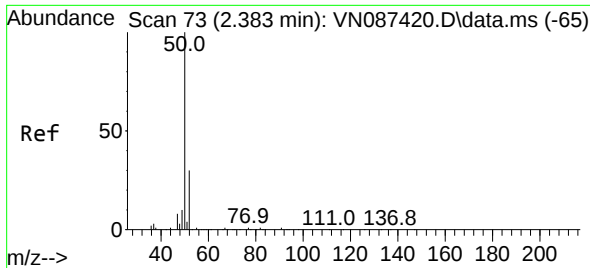
07/31/2025



#2
Dichlorodifluoromethane
Concen: 17.955 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.006 min
Lab File: VN087437.D
Acq: 30 Jul 2025 09:19

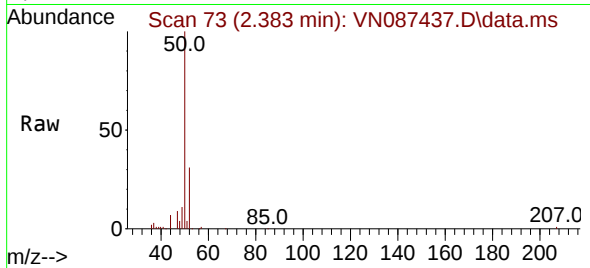
Tgt Ion: 85 Resp: 57513
Ion Ratio Lower Upper
85 100
87 33.5 15.0 45.1





#3
Chloromethane
Concen: 17.981 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN087437.D
Acq: 30 Jul 2025 09:19

Instrument :
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ClientSampleId :
VSTDCCC020



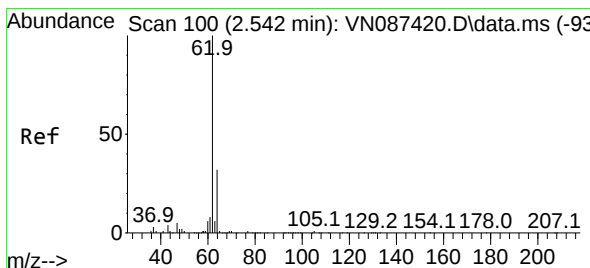
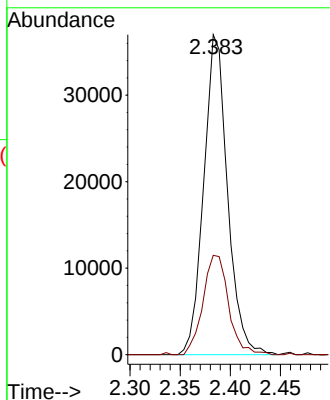
Tgt Ion: 50 Resp: 61140
Ion Ratio Lower Upper
50 100
52 31.1 24.3 36.5

Manual Integrations
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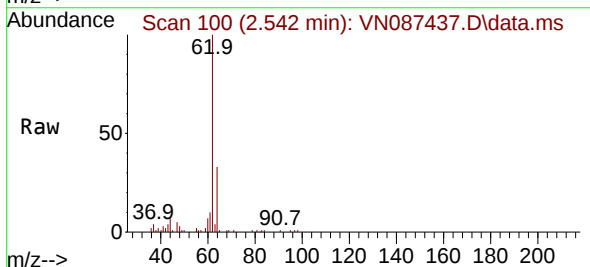
Reviewed By :John
Carlone

07/31/2025
Supervised By :Mahesh
Dadoda

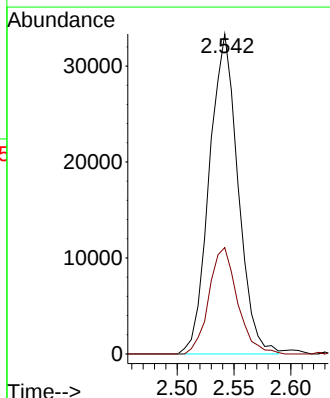
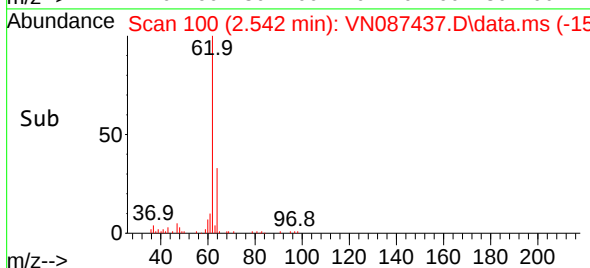
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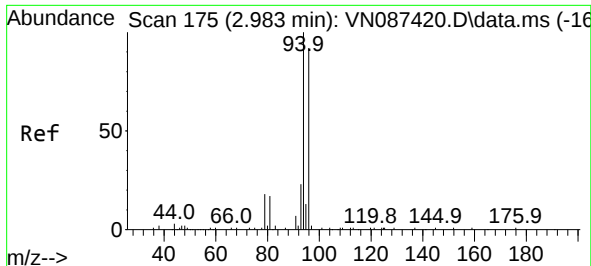


#4
Vinyl Chloride
Concen: 17.070 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN087437.D
Acq: 30 Jul 2025 09:19



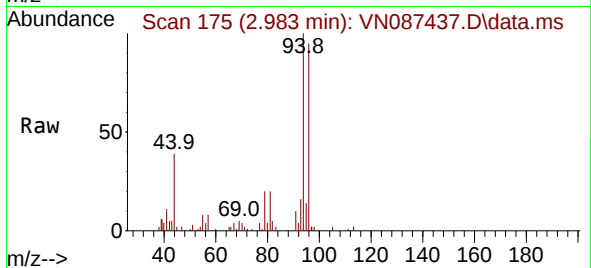
Tgt Ion: 62 Resp: 58725
Ion Ratio Lower Upper
62 100
64 33.3 25.6 38.4





#5
Bromomethane
Concen: 16.508 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087437.D
Acq: 30 Jul 2025 09:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



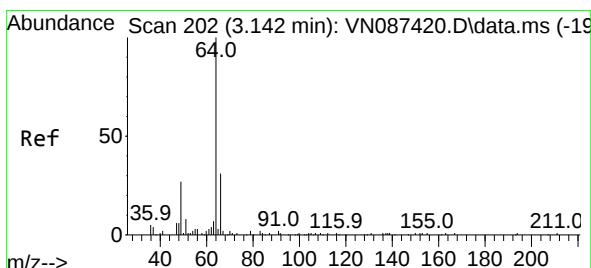
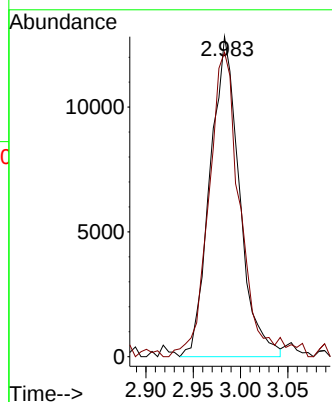
Tgt Ion: 94 Resp: 27694
Ion Ratio Lower Upper
94 100
96 92.7 73.2 109.8

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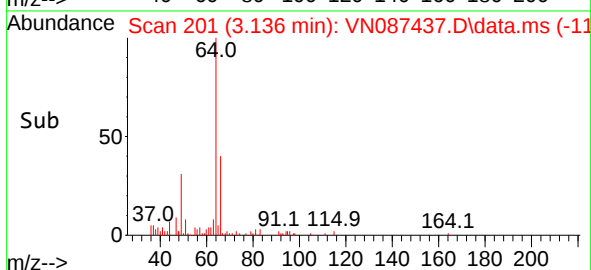
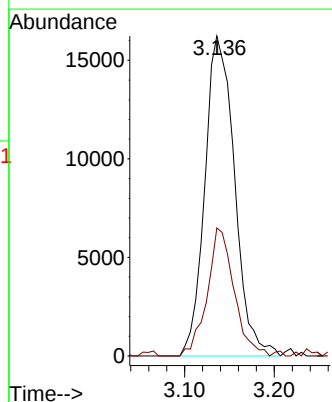
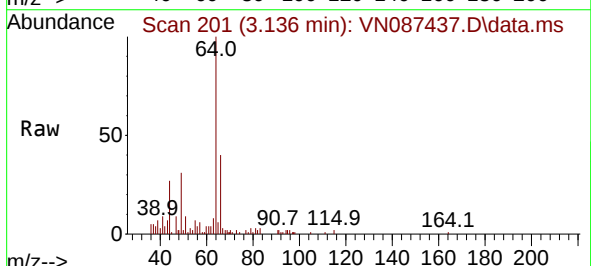
07/31/2025
Supervised By :Mahesh
Dadoda

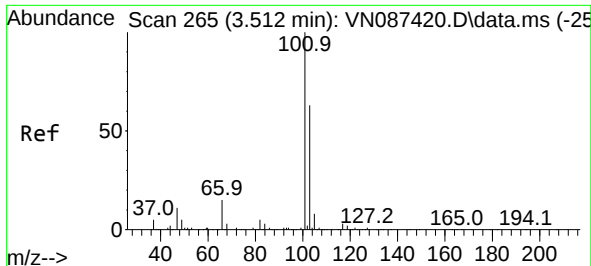
07/31/2025



#6
Chloroethane
Concen: 19.267 ug/l
RT: 3.136 min Scan# 201
Delta R.T. -0.006 min
Lab File: VN087437.D
Acq: 30 Jul 2025 09:19

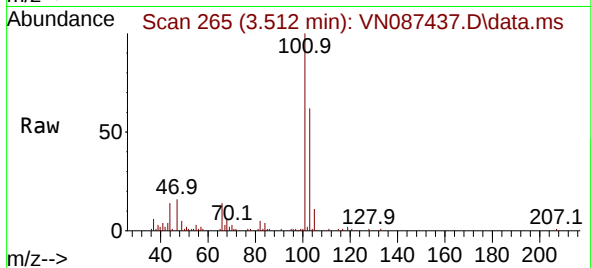
Tgt Ion: 64 Resp: 37385
Ion Ratio Lower Upper
64 100
66 40.0 25.6 38.4#





#7
 Trichlorofluoromethane
 Concen: 19.251 ug/l
 RT: 3.512 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN087437.D
 Acq: 30 Jul 2025 09:19

Instrument :
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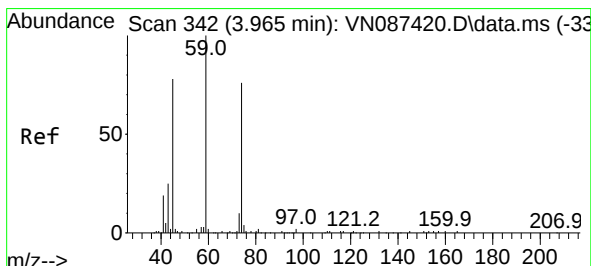
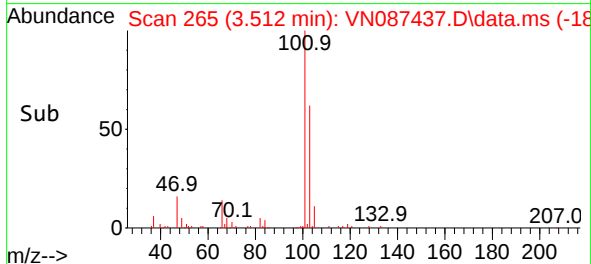
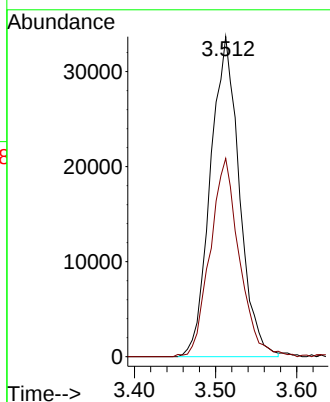
Tgt Ion:101 Resp: 8332
 Ion Ratio Lower Upper
 101 100
 103 61.3 50.0 75.0

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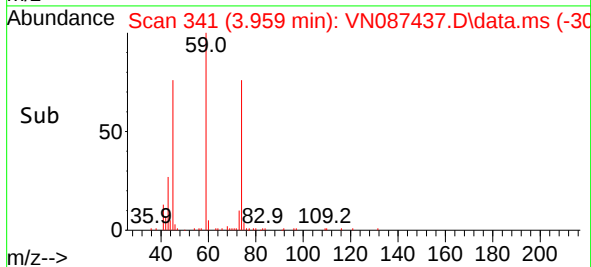
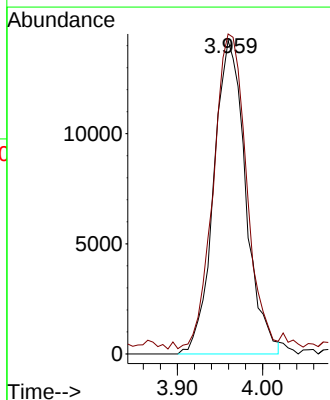
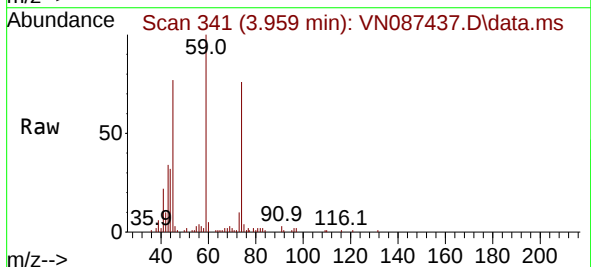
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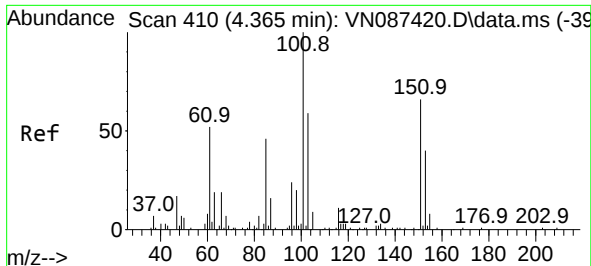
07/31/2025



#8
 Diethyl Ether
 Concen: 20.531 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN087437.D
 Acq: 30 Jul 2025 09:19

Tgt Ion: 74 Resp: 37088
 Ion Ratio Lower Upper
 74 100
 45 103.8 20.2 181.4





#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 18.789 ug/l m
 RT: 4.359 min Scan# 409
 Delta R.T. -0.006 min
 Lab File: VN087437.D
 Acq: 30 Jul 2025 09:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

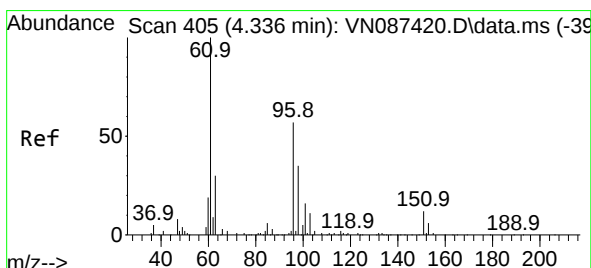
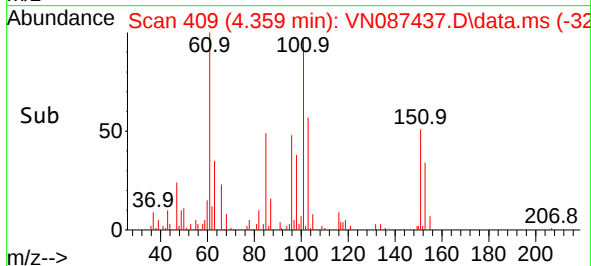
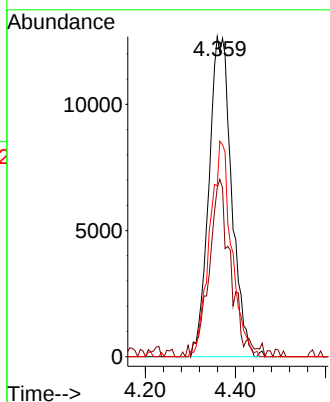
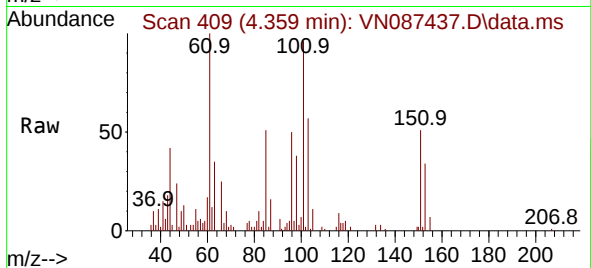
Tgt Ion:101 Resp: 4436
 Ion Ratio Lower Upper
 101 100
 85 37.0 0.0 101.2
 151 64.8 0.0 140.6

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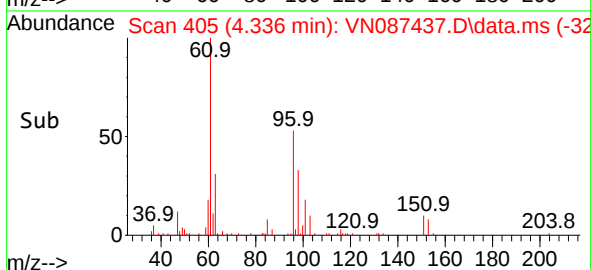
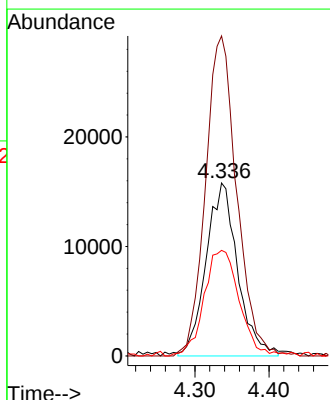
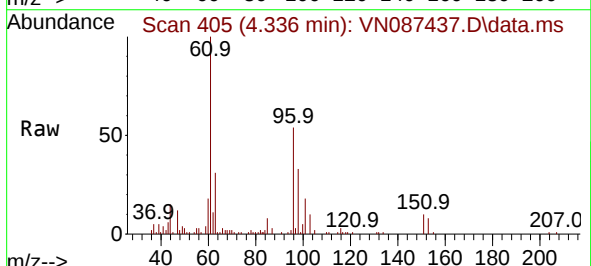
07/31/2025
 Supervised By :Mahesh
 Dadoda

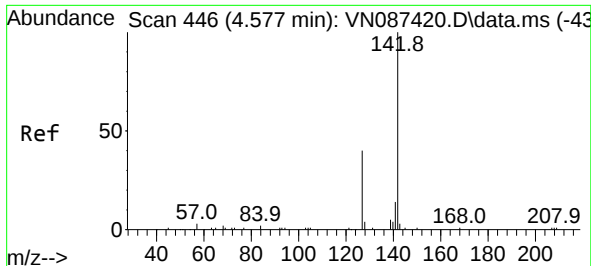
07/31/2025



#10
 1,1-Dichloroethene
 Concen: 19.854 ug/l
 RT: 4.336 min Scan# 405
 Delta R.T. 0.000 min
 Lab File: VN087437.D
 Acq: 30 Jul 2025 09:19

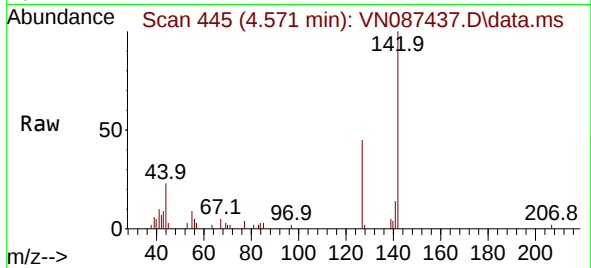
Tgt Ion: 96 Resp: 46630
 Ion Ratio Lower Upper
 96 100
 61 186.6 140.4 210.6
 98 60.5 49.6 74.4





#11
Methyl Iodide
Concen: 12.950 ug/l
RT: 4.571 min Scan# 446
Delta R.T. -0.006 min
Lab File: VN087437.D
Acq: 30 Jul 2025 09:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



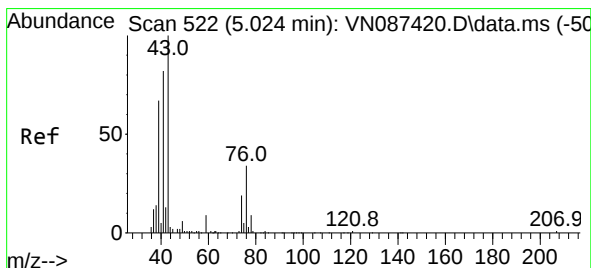
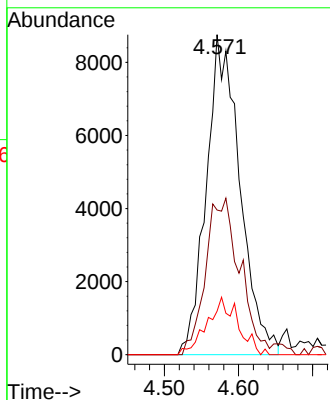
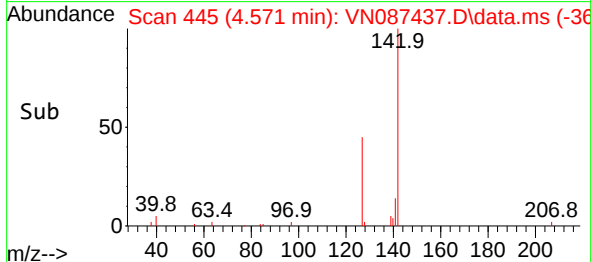
Tgt Ion:142 Resp: 2754
Ion Ratio Lower Upper
142 100
127 44.1 20.0 59.9
141 13.8 6.8 20.4

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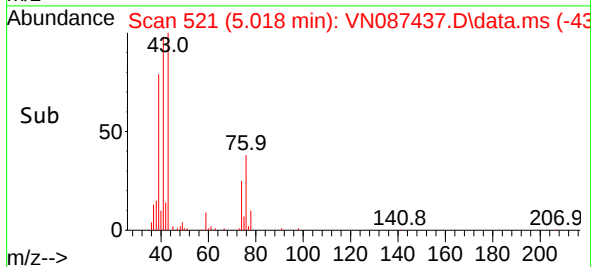
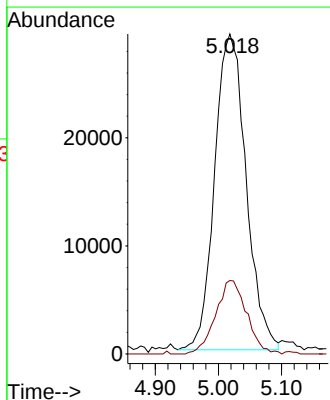
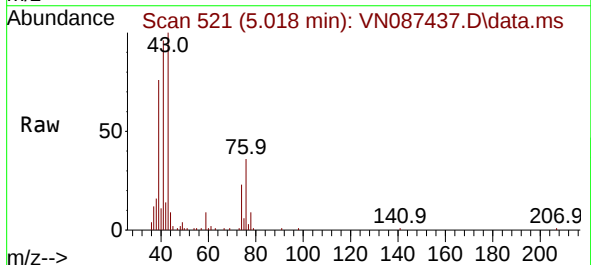
07/31/2025
Supervised By :Mahesh
Dadoda

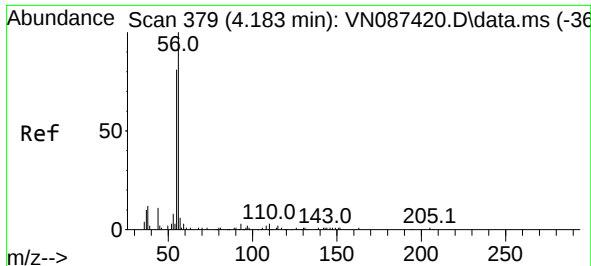
07/31/2025



#12
Methyl Acetate
Concen: 19.758 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN087437.D
Acq: 30 Jul 2025 09:19

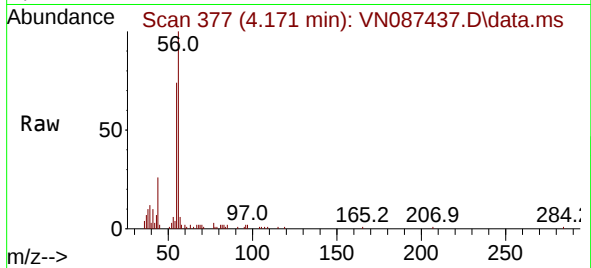
Tgt Ion: 43 Resp: 101180
Ion Ratio Lower Upper
43 100
74 23.2 15.4 23.0#





#13
Acrolein
Concen: 133.171 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.012 min
Lab File: VN087437.D
Acq: 30 Jul 2025 09:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



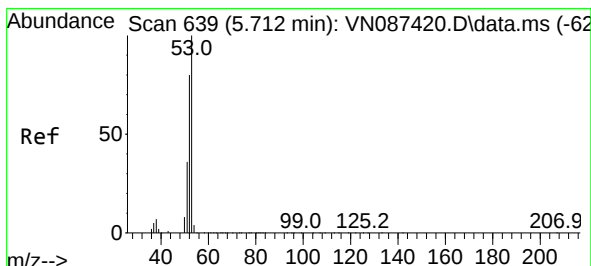
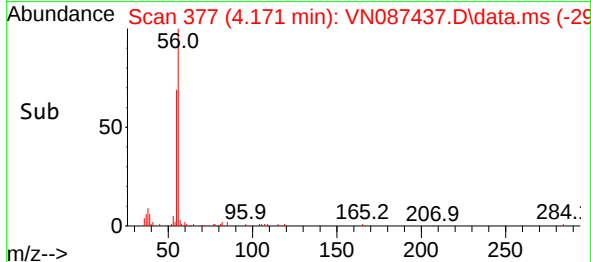
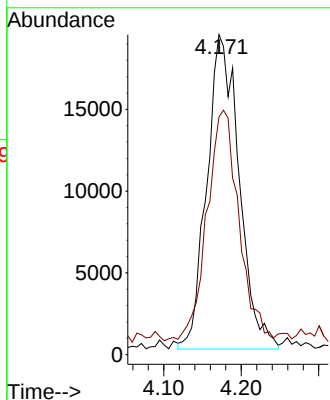
Tgt Ion: 56 Resp: 55618
Ion Ratio Lower Upper
56 100
55 74.7 58.9 88.3

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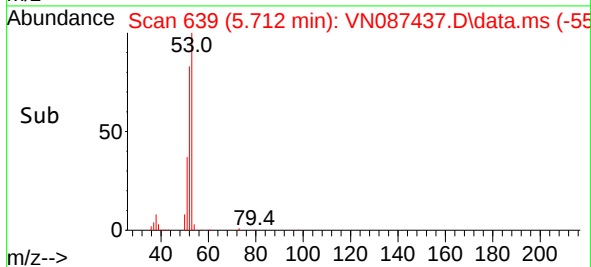
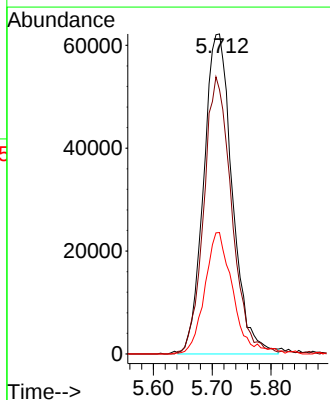
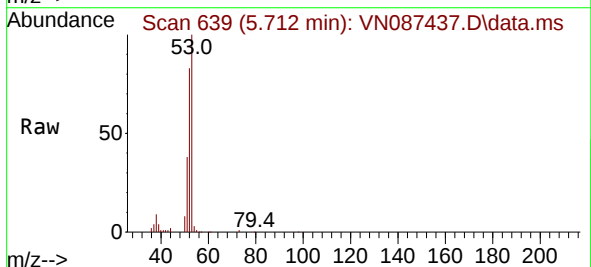
07/31/2025
Supervised By :Mahesh
Dadoda

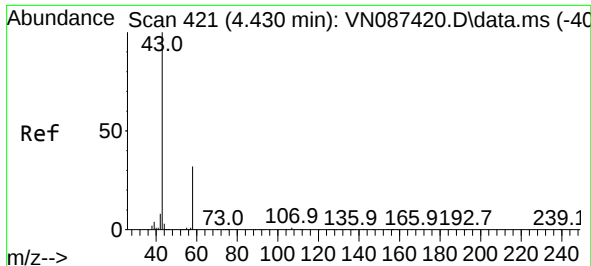
07/31/2025



#14
Acrylonitrile
Concen: 94.693 ug/l
RT: 5.712 min Scan# 639
Delta R.T. 0.000 min
Lab File: VN087437.D
Acq: 30 Jul 2025 09:19

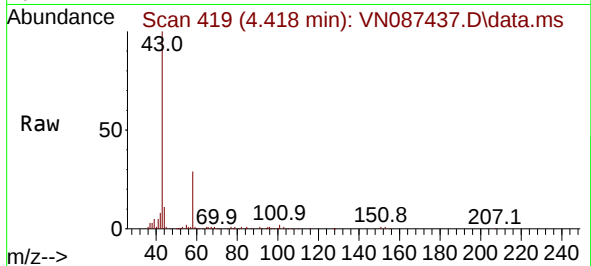
Tgt Ion: 53 Resp: 210271
Ion Ratio Lower Upper
53 100
52 83.0 41.6 124.9
51 36.0 18.1 54.4





#15
Acetone
Concen: 120.495 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.012 min
Lab File: VN087437.D
Acq: 30 Jul 2025 09:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



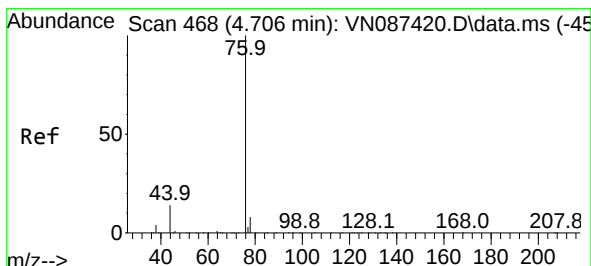
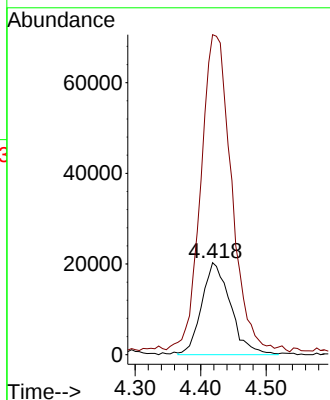
Tgt Ion: 58 Resp: 62014
Ion Ratio Lower Upper
58 100
43 342.8 248.4 372.6

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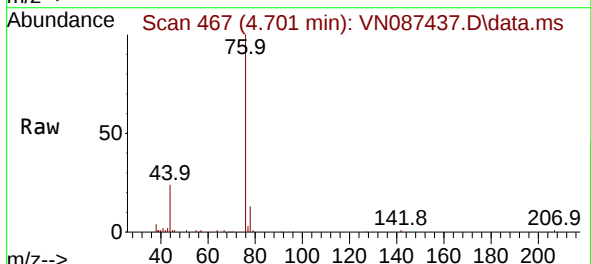
Reviewed By :John
Carlone

07/31/2025
Supervised By :Mahesh
Dadoda

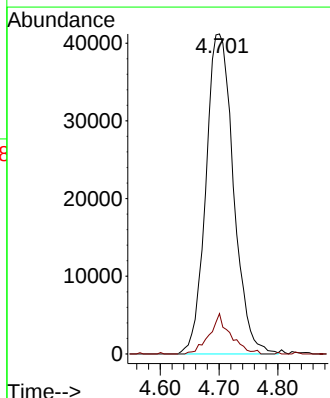
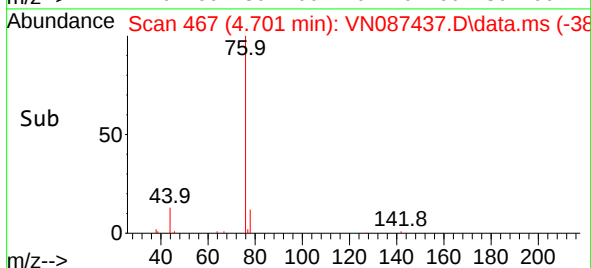
07/31/2025

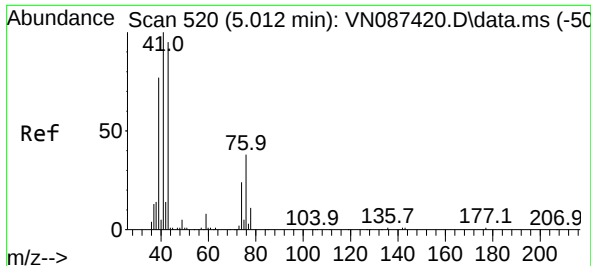


#16
Carbon Disulfide
Concen: 16.091 ug/l
RT: 4.701 min Scan# 467
Delta R.T. -0.006 min
Lab File: VN087437.D
Acq: 30 Jul 2025 09:19



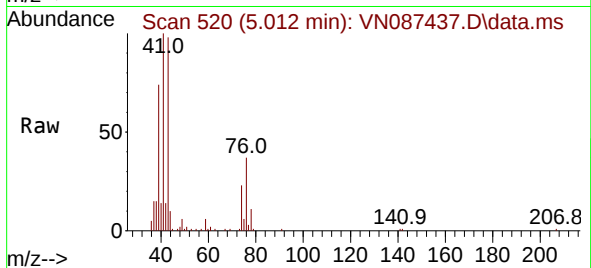
Tgt Ion: 76 Resp: 134310
Ion Ratio Lower Upper
76 100
78 12.6 6.6 10.0#





#17
 Allyl chloride
 Concen: 18.322 ug/l
 RT: 5.012 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VN087437.D
 Acq: 30 Jul 2025 09:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020



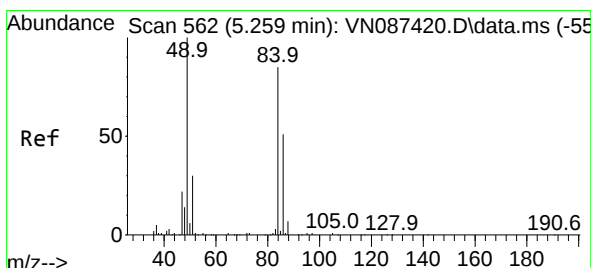
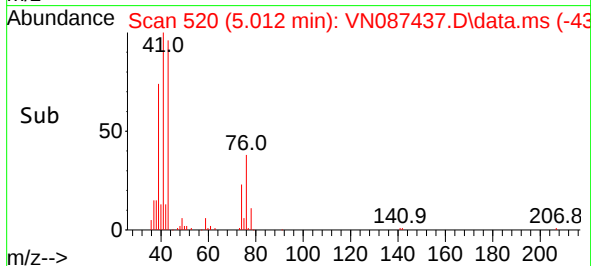
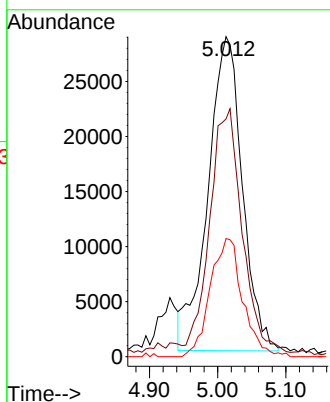
Tgt Ion: 41 Resp: 10026
 Ion Ratio Lower Upper
 41 100
 39 72.9 35.9 107.8
 76 37.9 17.5 52.5

Manual Integrations
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Reviewed By :John
 Carlone

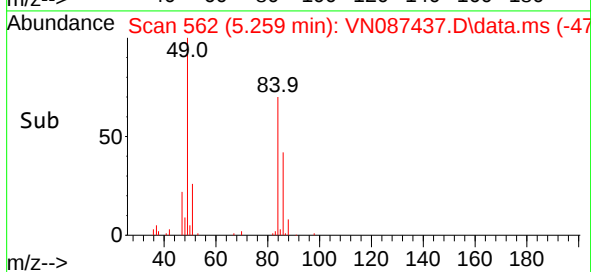
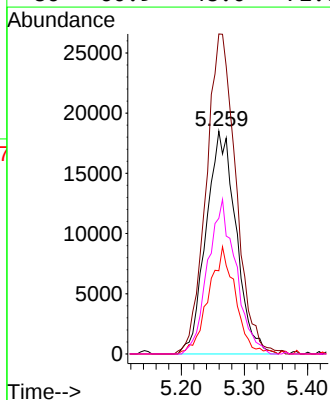
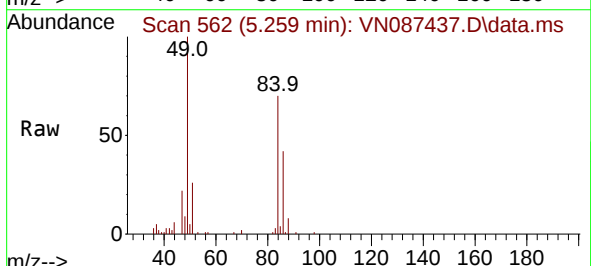
07/31/2025
 Supervised By :Mahesh
 Dadoda

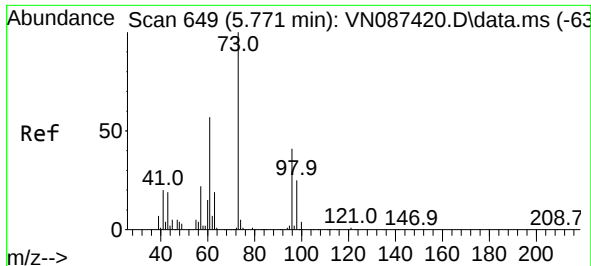
07/31/2025



#18
 Methylene Chloride
 Concen: 17.257 ug/l
 RT: 5.259 min Scan# 562
 Delta R.T. 0.000 min
 Lab File: VN087437.D
 Acq: 30 Jul 2025 09:19

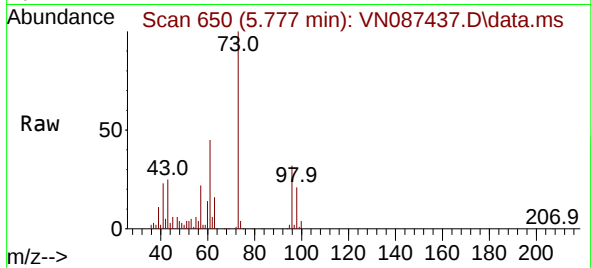
Tgt Ion: 84 Resp: 61019
 Ion Ratio Lower Upper
 84 100
 49 142.3 93.5 140.3#
 51 37.3 28.0 42.0
 86 60.9 48.0 72.0





#19
trans-1,2-Dichloroethene
Concen: 16.664 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087437.D
Acq: 30 Jul 2025 09:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



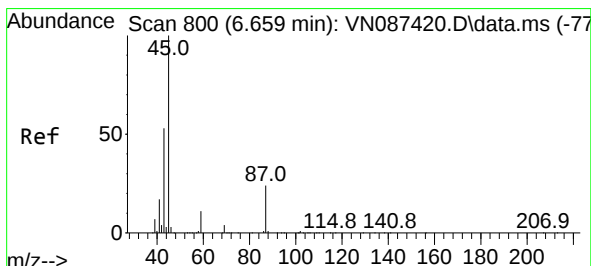
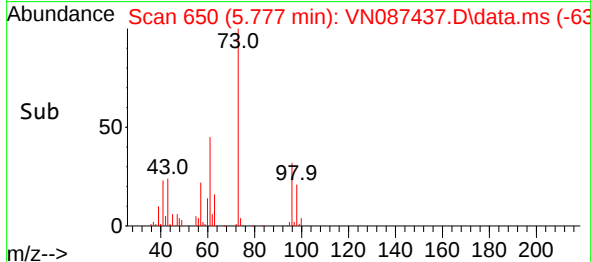
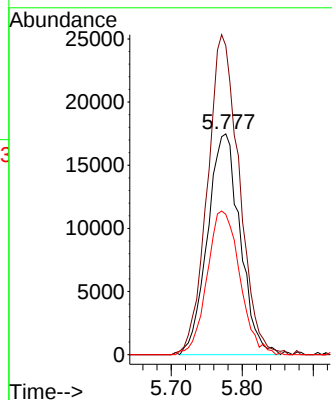
Tgt Ion: 96 Resp: 55600
Ion Ratio Lower Upper
96 100
61 138.3 110.2 165.4
98 62.6 47.9 71.9

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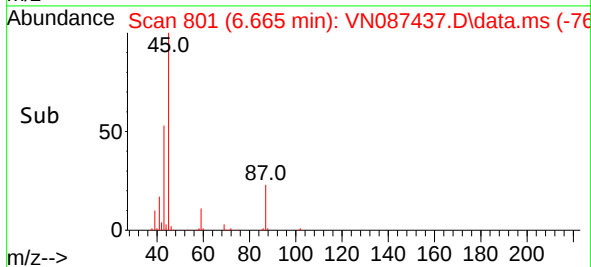
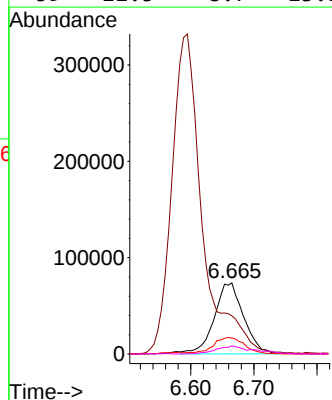
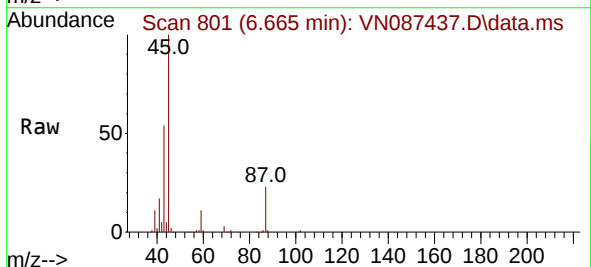
07/31/2025
Supervised By :Mahesh
Dadoda

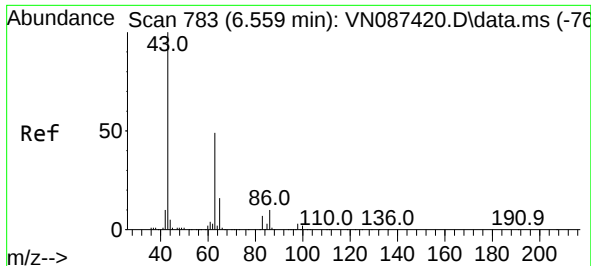
07/31/2025



#20
Diisopropyl ether
Concen: 19.006 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.006 min
Lab File: VN087437.D
Acq: 30 Jul 2025 09:19

Tgt Ion: 45 Resp: 236639
Ion Ratio Lower Upper
45 100
43 51.1 42.7 64.1
87 22.4 19.4 29.0
59 11.5 8.7 13.1





#21
1,1-Dichloroethane
Concen: 18.424 ug/l
RT: 6.553 min Scan# 782
Delta R.T. -0.006 min
Lab File: VN087437.D
Acq: 30 Jul 2025 09:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

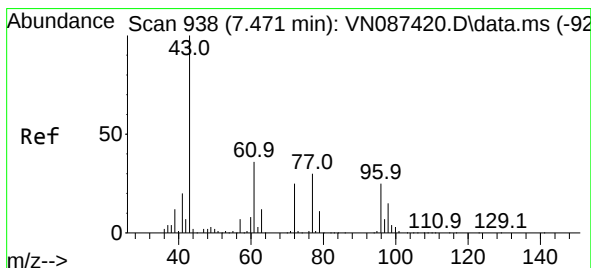
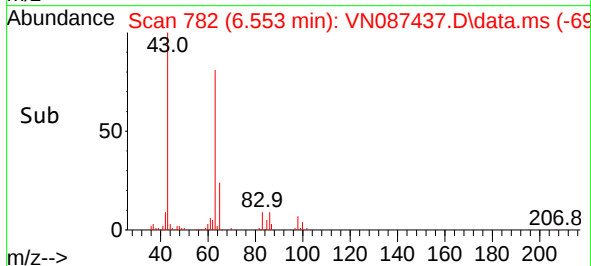
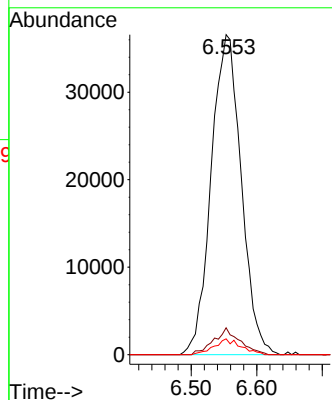
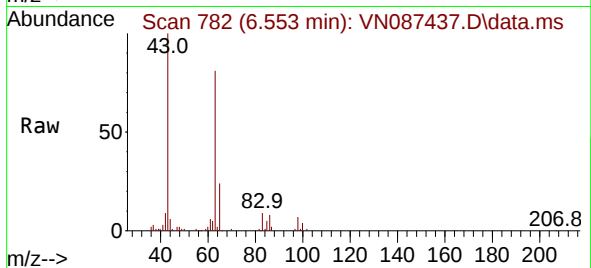
Tgt Ion: 63 Resp: 11626
Ion Ratio Lower Upper
63 100
98 8.4 3.4 10.1
100 5.0 2.5 7.4

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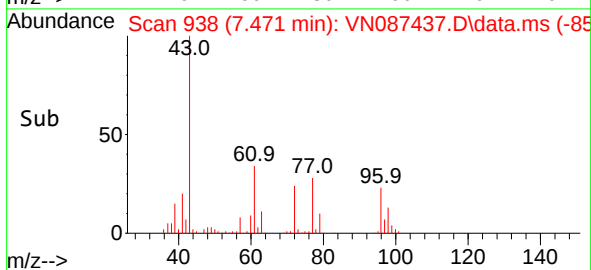
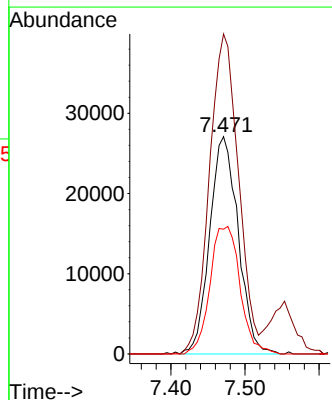
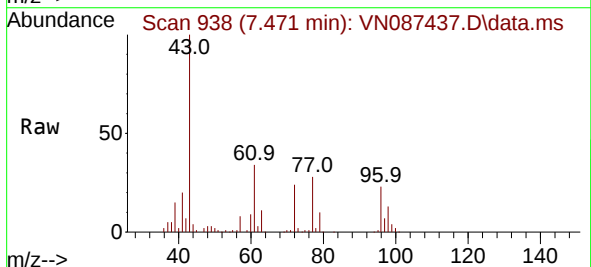
07/31/2025
Supervised By :Mahesh
Dadoda

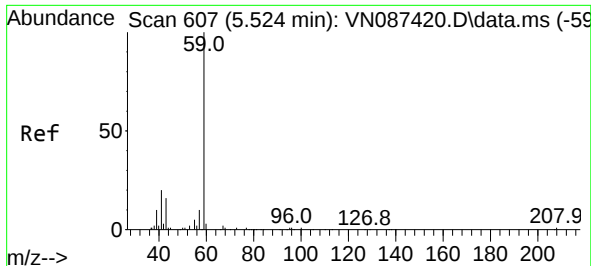
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#22
cis-1,2-Dichloroethene
Concen: 17.849 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN087437.D
Acq: 30 Jul 2025 09:19

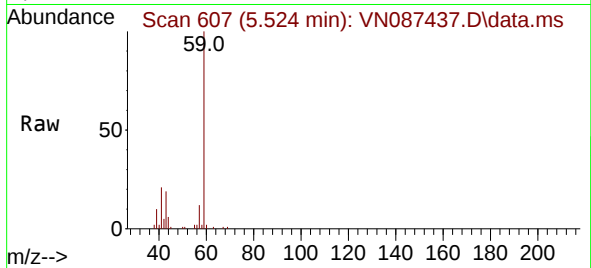
Tgt Ion: 96 Resp: 72382
Ion Ratio Lower Upper
96 100
61 150.0 118.8 178.2
98 61.8 51.5 77.3





#23
tert-Butyl Alcohol
Concen: 96.778 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN087437.D
Acq: 30 Jul 2025 09:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



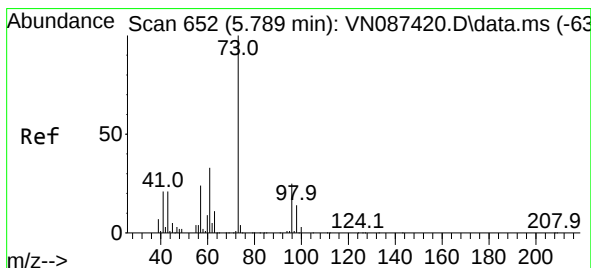
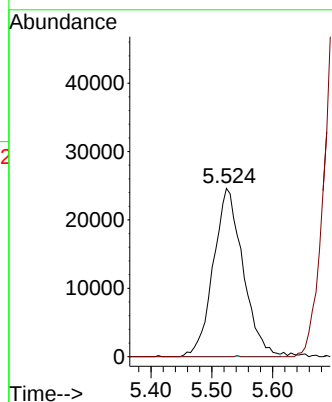
Tgt Ion: 59 Resp: 83290
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.2

Manual Integrations
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Reviewed By :John
Carlone

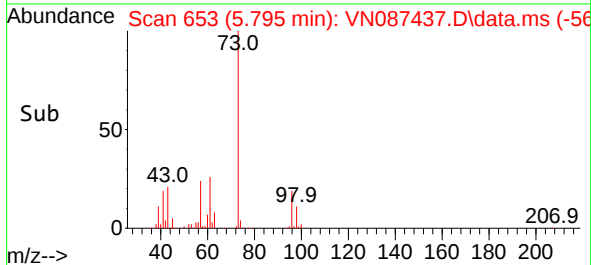
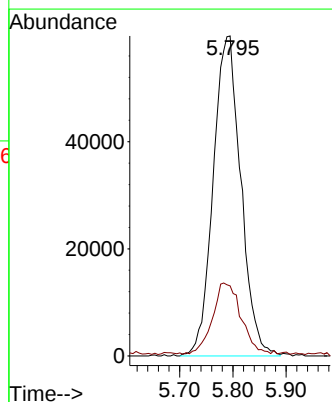
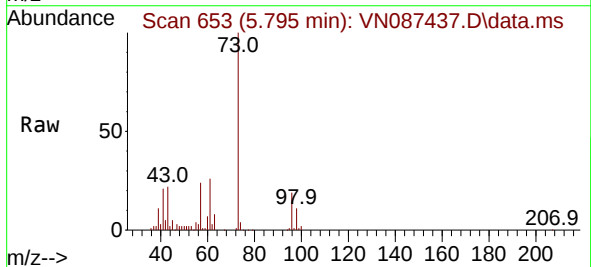
07/31/2025
Supervised By :Mahesh
Dadoda

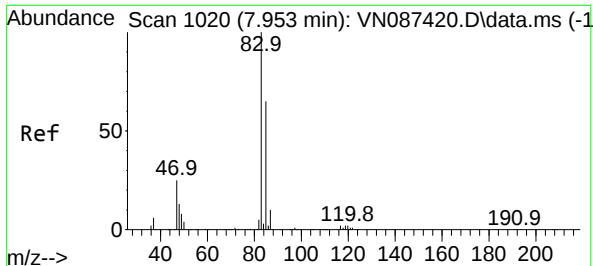
07/31/2025



#24
Methyl tert-Butyl Ether
Concen: 18.475 ug/l
RT: 5.795 min Scan# 653
Delta R.T. 0.006 min
Lab File: VN087437.D
Acq: 30 Jul 2025 09:19

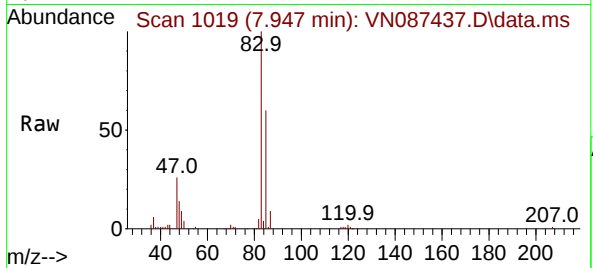
Tgt Ion: 73 Resp: 215277
Ion Ratio Lower Upper
73 100
43 22.7 17.1 25.7





#25
Chloroform
Concen: 18.351 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VN087437.D
Acq: 30 Jul 2025 09:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



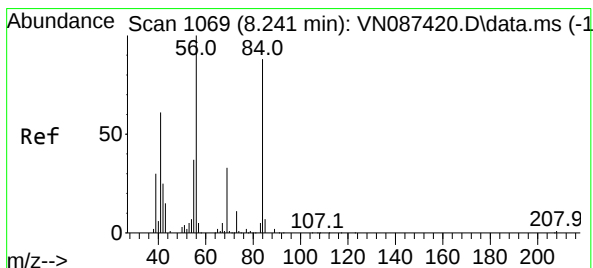
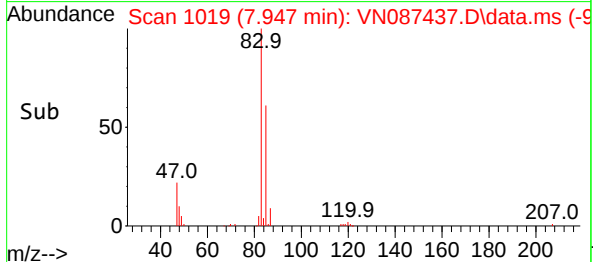
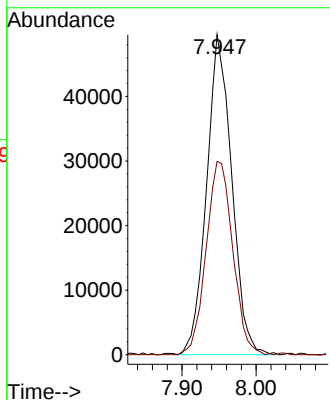
Tgt Ion: 83 Resp: 116910
Ion Ratio Lower Upper
83 100
85 60.4 52.0 78.0

Manual Integrations
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Reviewed By :John
Carlone

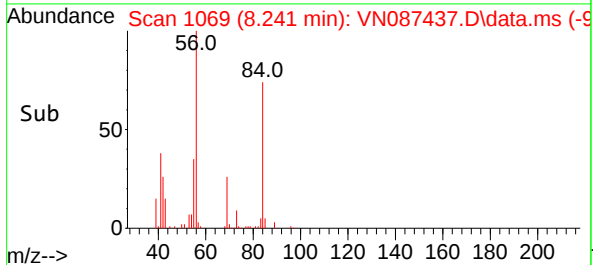
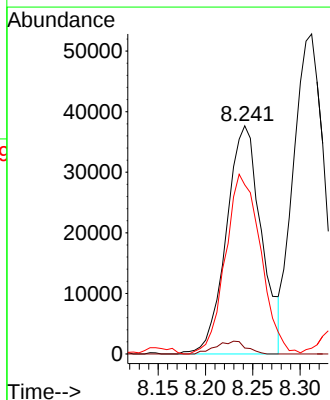
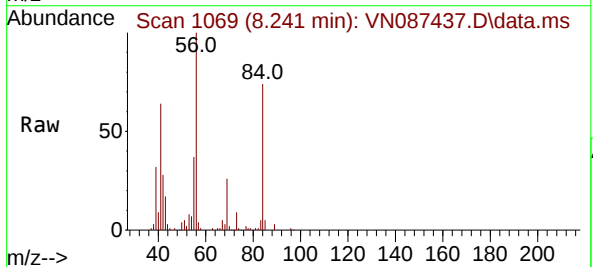
07/31/2025
Supervised By :Mahesh
Dadoda

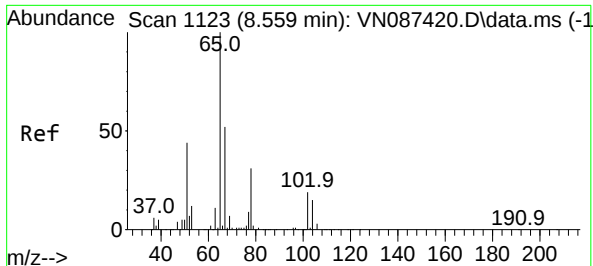
07/31/2025



#26
Cyclohexane
Concen: 16.613 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN087437.D
Acq: 30 Jul 2025 09:19

Tgt Ion: 56 Resp: 96822
Ion Ratio Lower Upper
56 100
89 4.8 4.7 7.1
84 79.3 67.4 101.2





#27

1,2-Dichloroethane-d4

Concen: 31.947 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN087437.D

Acq: 30 Jul 2025 09:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 65 Resp: 134110

Ion Ratio Lower Upper

65 100

67 52.5 42.3 63.5

Manual Integrations

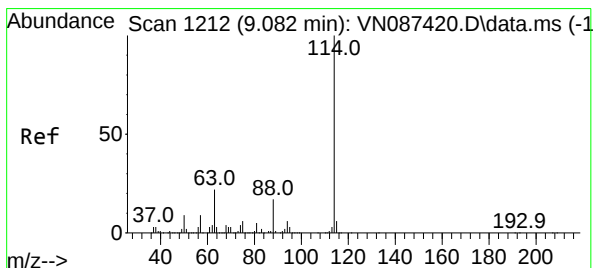
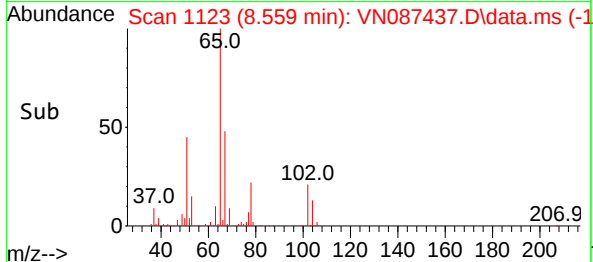
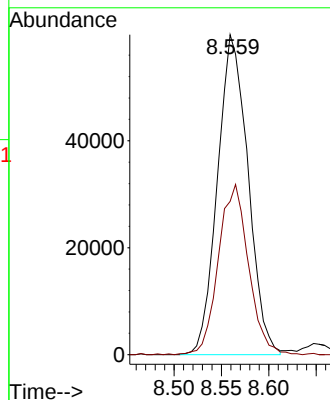
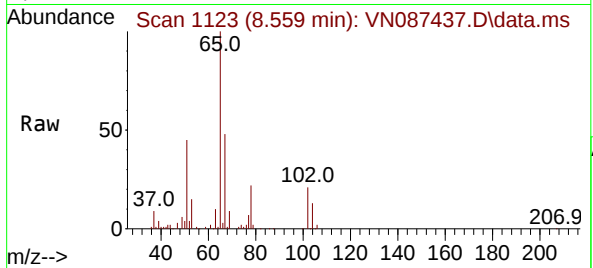
APPROVED

Reviewed By :John
Carlone

07/31/2025

Supervised By :Mahesh
Dadoda

07/31/2025



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.083 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN087437.D

Acq: 30 Jul 2025 09:19

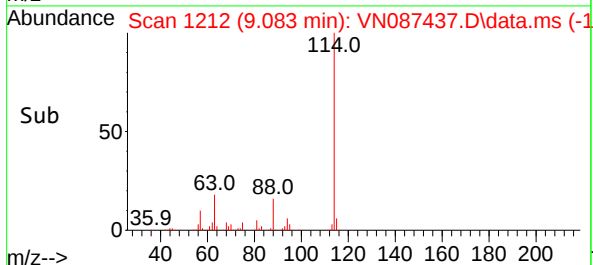
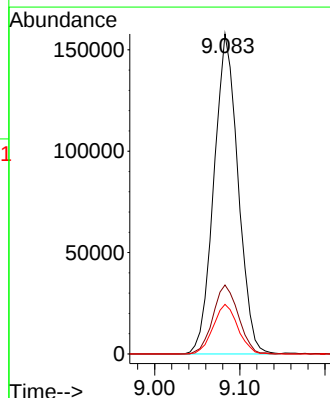
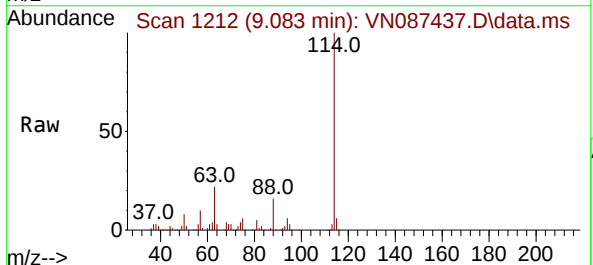
Tgt Ion:114 Resp: 310969

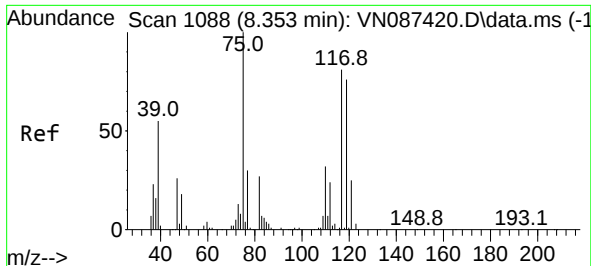
Ion Ratio Lower Upper

114 100

63 22.6 17.8 26.6

88 15.8 13.0 19.4





#29
1,1-Dichloropropene
Concen: 17.426 ug/l
RT: 8.359 min Scan# 1088
Delta R.T. 0.006 min
Lab File: VN087437.D
Acq: 30 Jul 2025 09:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

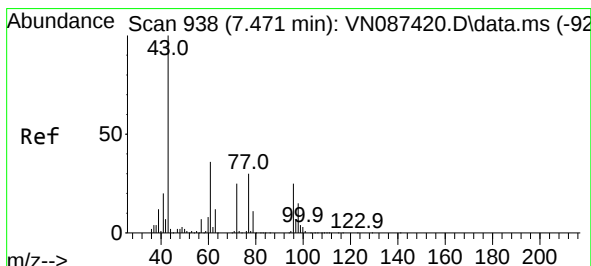
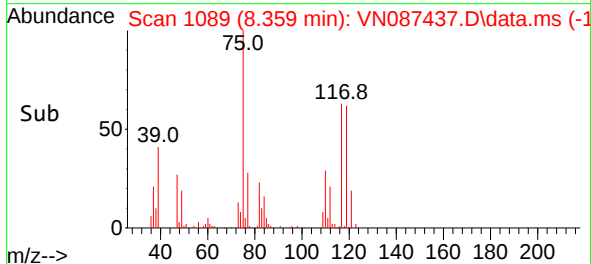
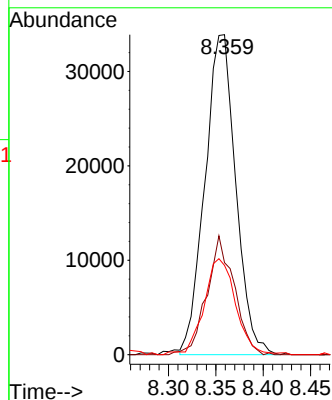
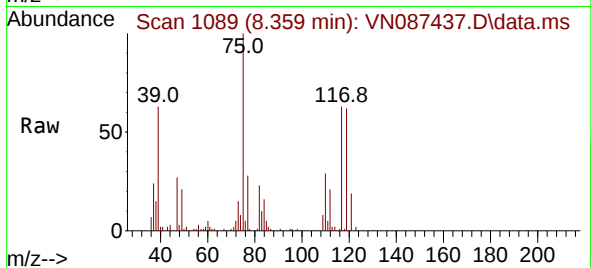
Tgt Ion: 75	Resp: 76920
Ion Ratio	Lower Upper
75 100	
110 32.8	0.0 69.6
77 30.1	0.0 60.2

Manual Integrations
APPROVED

Reviewed By :John
Carlone

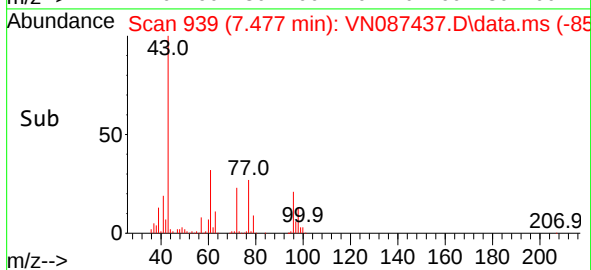
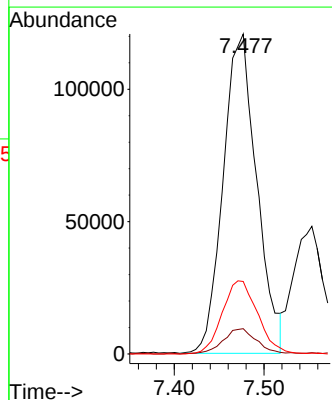
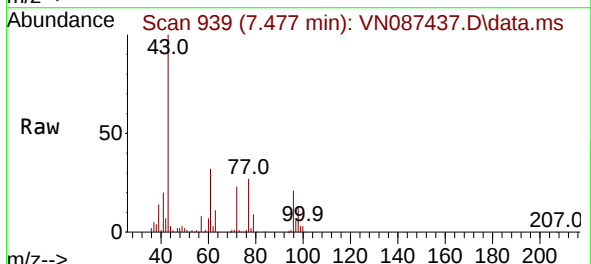
07/31/2025
Supervised By :Mahesh
Dadoda

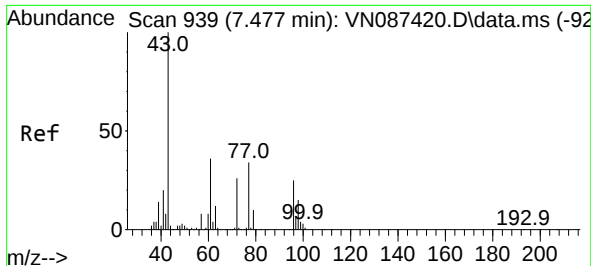
07/31/2025



#30
2-Butanone
Concen: 98.166 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.006 min
Lab File: VN087437.D
Acq: 30 Jul 2025 09:19

Tgt Ion: 43	Resp: 313973
Ion Ratio	Lower Upper
43 100	
57 7.8	6.0 9.0
72 24.1	20.3 30.5





#31

2,2-Dichloropropane

Concen: 17.851 ug/l

RT: 7.471 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN087437.D

Acq: 30 Jul 2025 09:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 77 Resp: 98190

Ion Ratio Lower Upper

77 100

97 14.2 19.1 28.7

Manual Integrations

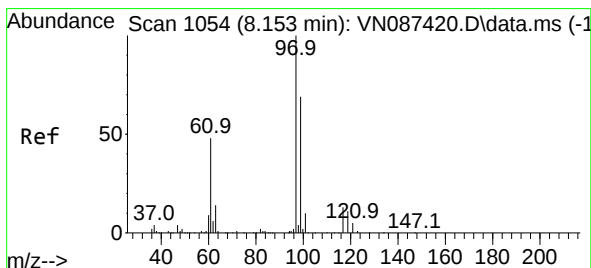
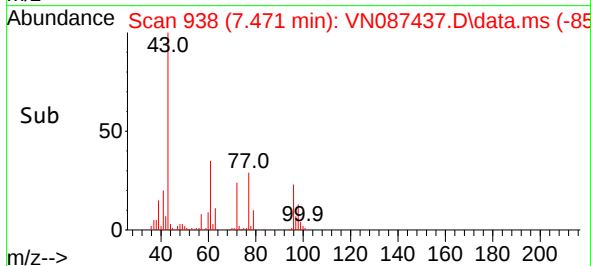
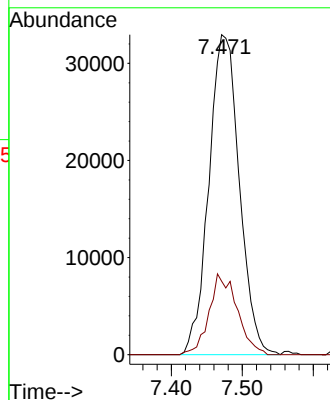
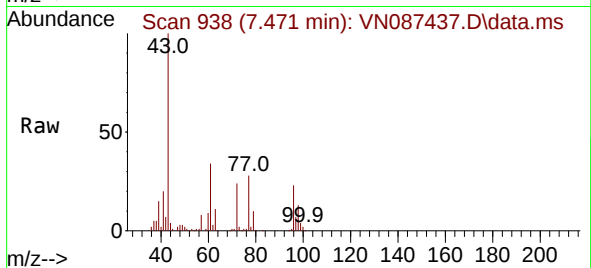
APPROVED

Reviewed By :John
Carlone

07/31/2025

Supervised By :Mahesh
Dadoda

07/31/2025



#32

1,1,1-Trichloroethane

Concen: 17.457 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN087437.D

Acq: 30 Jul 2025 09:19

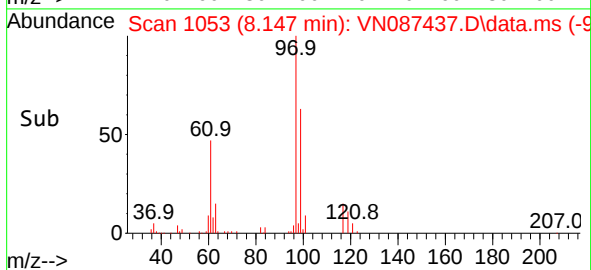
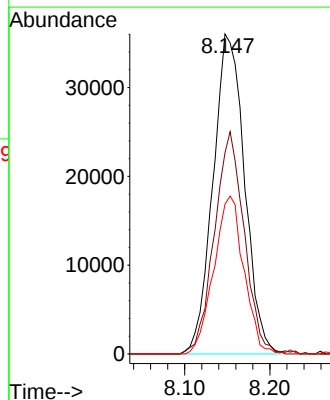
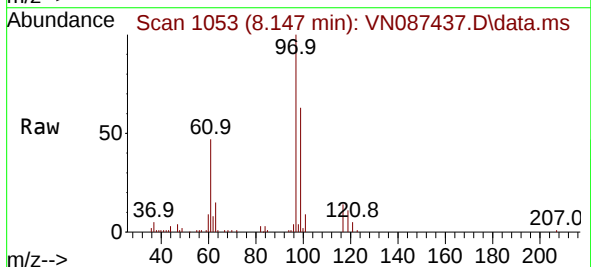
Tgt Ion: 97 Resp: 92631

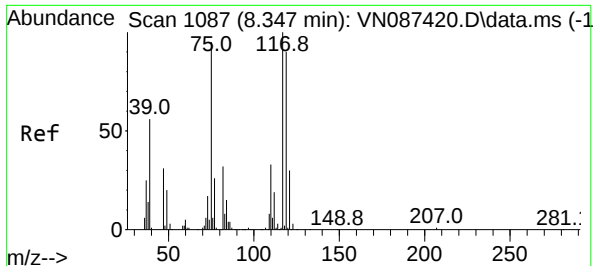
Ion Ratio Lower Upper

97 100

99 65.7 52.1 78.1

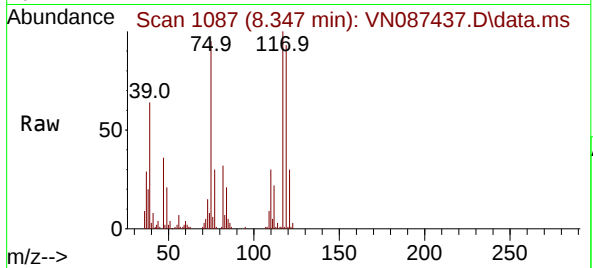
61 46.8 36.3 54.5





#33
Carbon Tetrachloride
Concen: 17.457 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.000 min
Lab File: VN087437.D
Acq: 30 Jul 2025 09:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



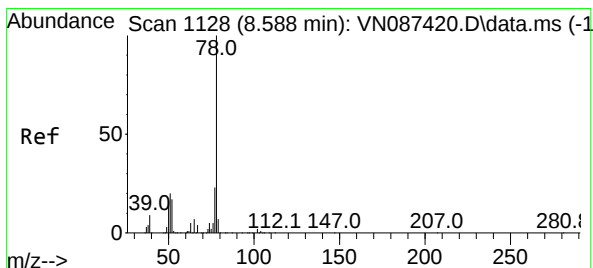
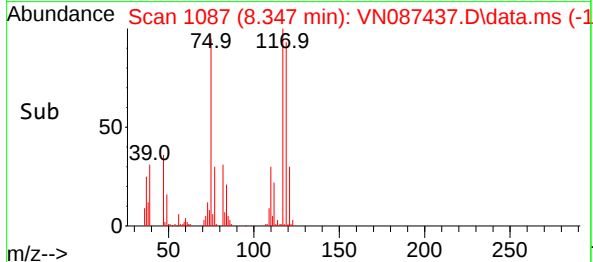
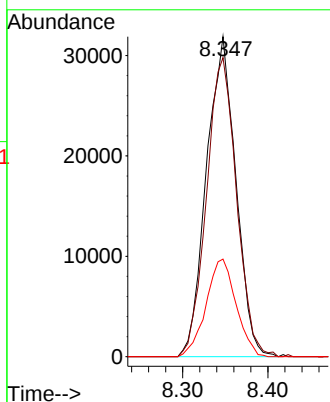
Tgt Ion: 117 Resp: 7638
Ion Ratio Lower Upper
117 100
119 93.5 71.9 107.9
121 30.5 24.4 36.6

Manual Integrations
APPROVED

Reviewed By :John
Carlone

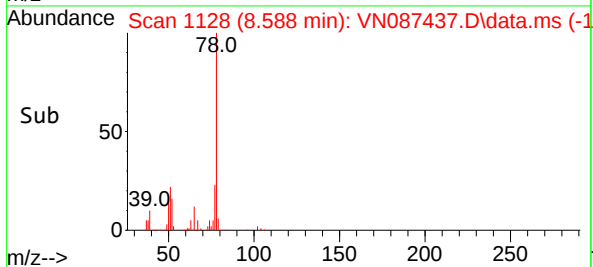
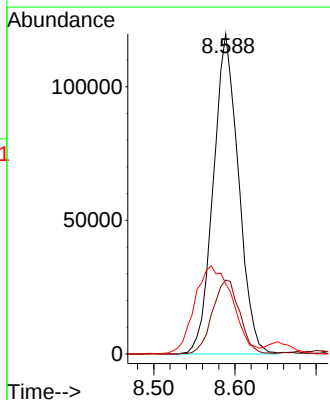
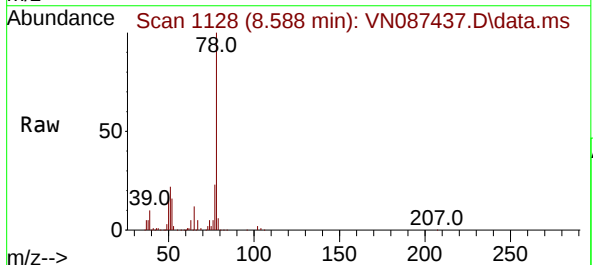
07/31/2025
Supervised By :Mahesh
Dadoda

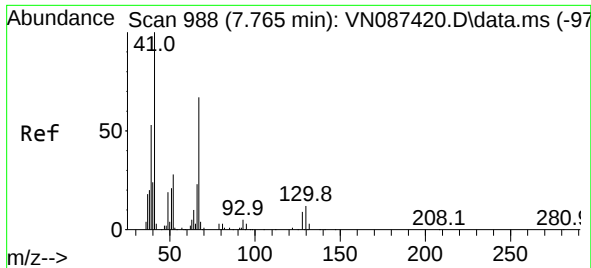
07/31/2025



#34
Benzene
Concen: 17.890 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN087437.D
Acq: 30 Jul 2025 09:19

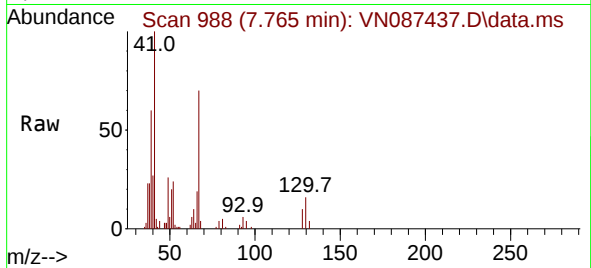
Tgt Ion: 78 Resp: 258308
Ion Ratio Lower Upper
78 100
77 23.1 18.6 28.0
51 20.0 16.3 24.5





#35
Methacrylonitrile
Concen: 18.456 ug/l
RT: 7.765 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN087437.D
Acq: 30 Jul 2025 09:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



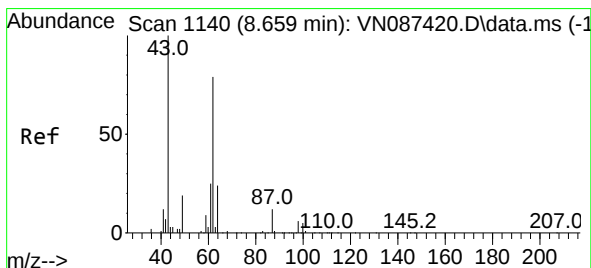
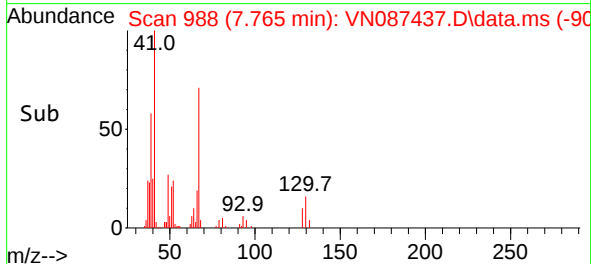
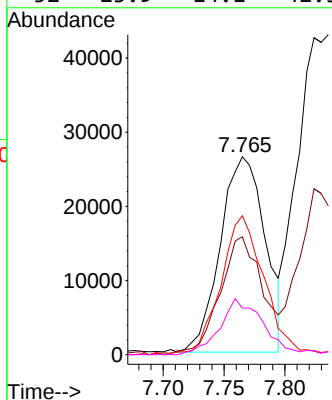
Tgt Ion: 41 Resp: 6762
Ion Ratio Lower Upper
41 100
39 58.3 26.7 80.1
67 69.7 33.5 100.4
52 23.9 14.1 42.3

Manual Integrations
APPROVED

Reviewed By :John
Carlone

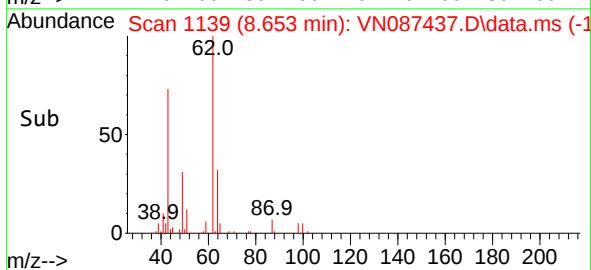
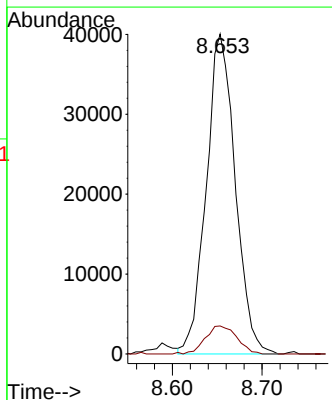
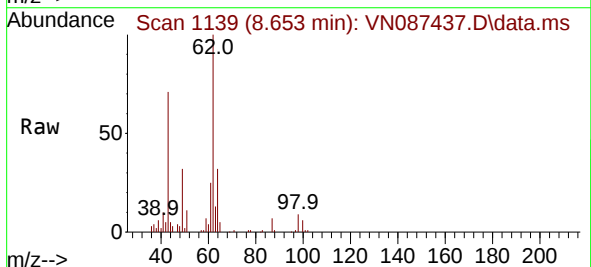
07/31/2025
Supervised By :Mahesh
Dadoda

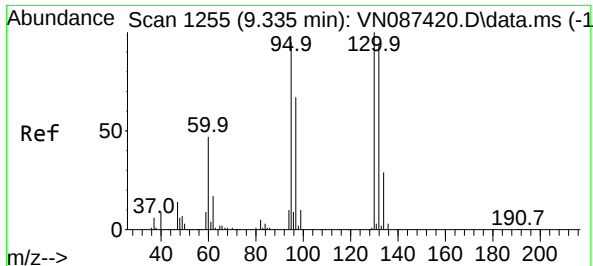
07/31/2025



#36
1,2-Dichloroethane
Concen: 18.702 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.006 min
Lab File: VN087437.D
Acq: 30 Jul 2025 09:19

Tgt Ion: 62 Resp: 89864
Ion Ratio Lower Upper
62 100
98 9.5 0.2 0.2#





#37

Trichloroethene

Concen: 17.238 ug/l

RT: 9.335 min Scan# 1255

Delta R.T. 0.000 min

Lab File: VN087437.D

Acq: 30 Jul 2025 09:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion:130 Resp: 5681

Ion Ratio Lower Upper

130 100

95 94.0 76.4 114.6

Manual Integrations

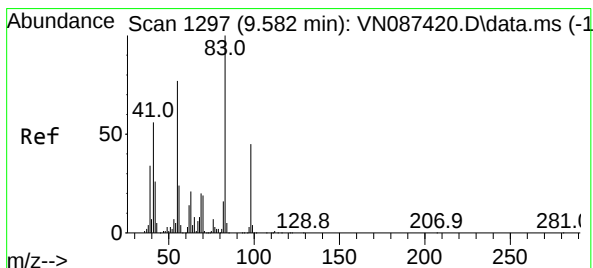
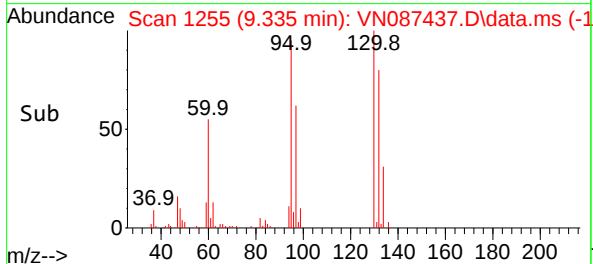
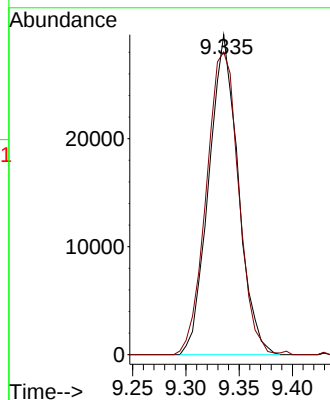
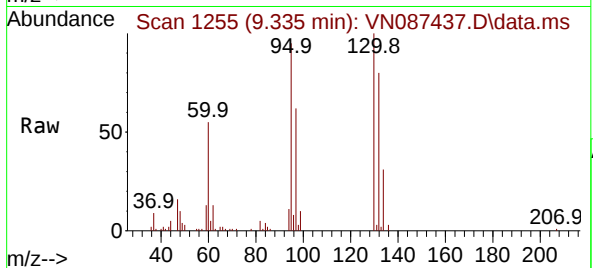
APPROVED

Reviewed By :John
Carlone

07/31/2025

Supervised By :Mahesh
Dadoda

07/31/2025



#38

Methylcyclohexane

Concen: 15.676 ug/l

RT: 9.583 min Scan# 1297

Delta R.T. 0.000 min

Lab File: VN087437.D

Acq: 30 Jul 2025 09:19

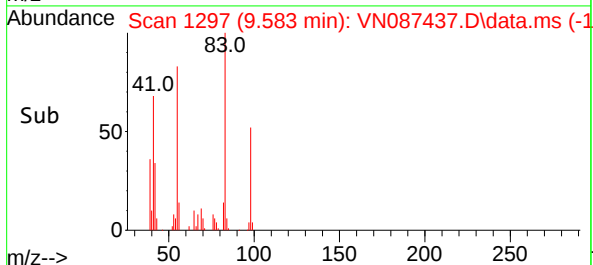
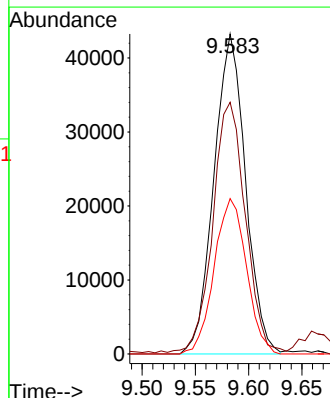
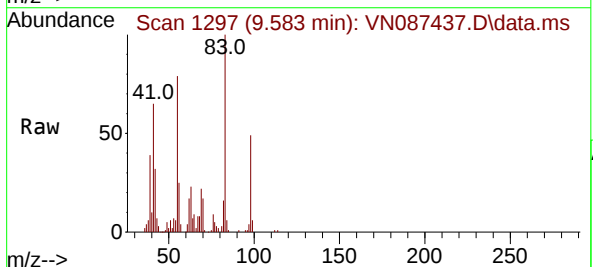
Tgt Ion: 83 Resp: 89255

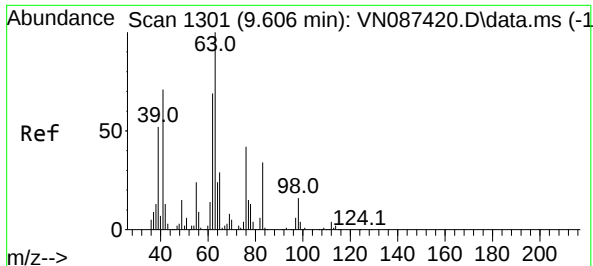
Ion Ratio Lower Upper

83 100

55 80.8 39.4 118.1

98 49.6 23.6 70.8





#39
1,2-Dichloropropane
Concen: 18.669 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. 0.000 min
Lab File: VN087437.D
Acq: 30 Jul 2025 09:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

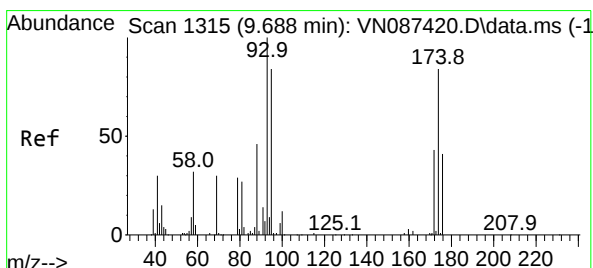
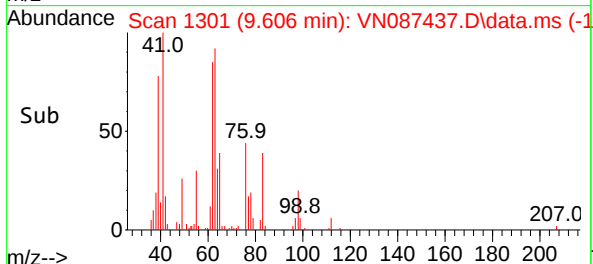
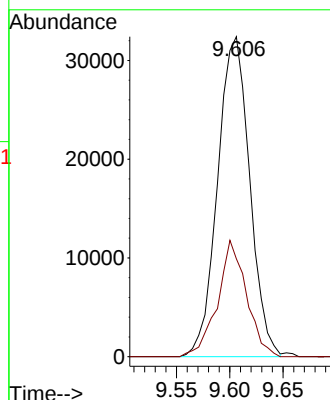
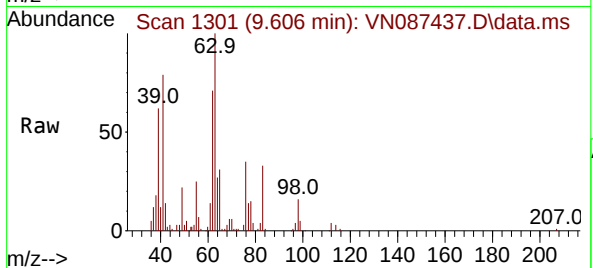
Tgt Ion: 63 Resp: 67864
Ion Ratio Lower Upper
63 100
65 30.6 23.1 34.7

Manual Integrations
APPROVED

Reviewed By :John
Carlone

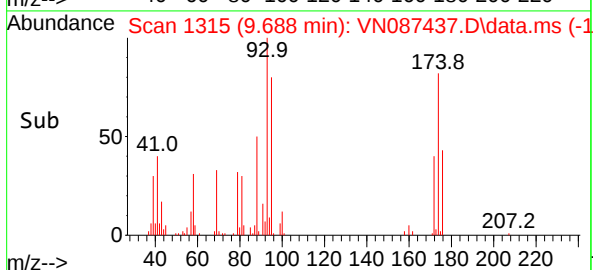
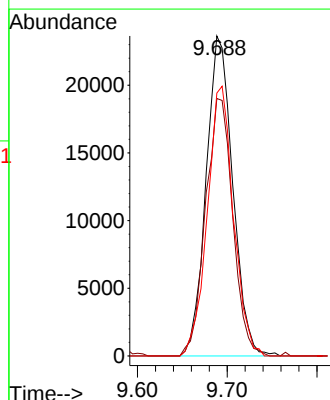
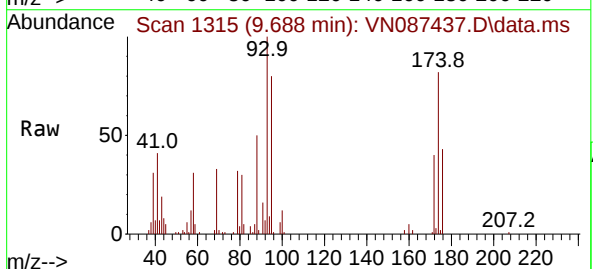
07/31/2025
Supervised By :Mahesh
Dadoda

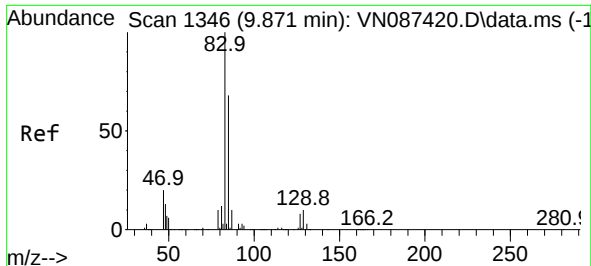
07/31/2025



#40
Dibromomethane
Concen: 18.893 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN087437.D
Acq: 30 Jul 2025 09:19

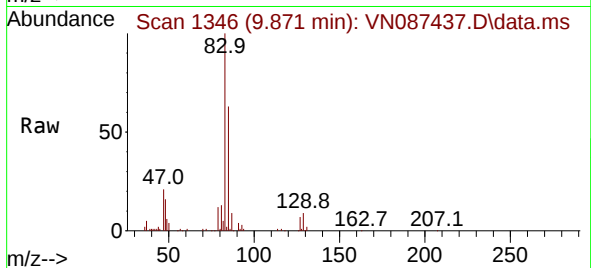
Tgt Ion: 93 Resp: 48719
Ion Ratio Lower Upper
93 100
95 82.1 0.0 164.8
174 82.8 0.0 174.4





#41
Bromodichloromethane
Concen: 18.951 ug/l
RT: 9.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087437.D
Acq: 30 Jul 2025 09:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



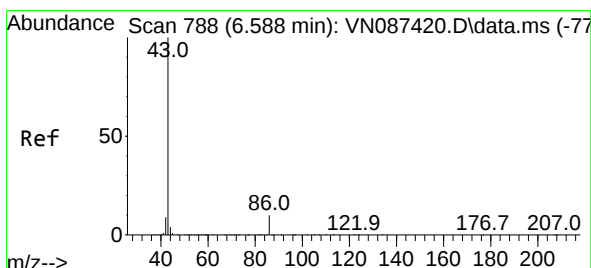
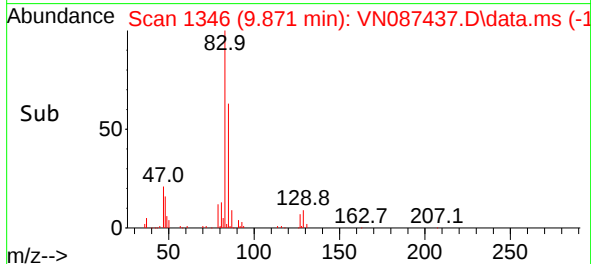
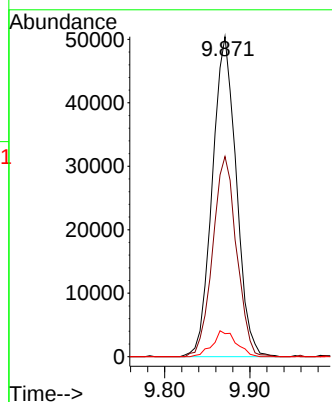
Tgt Ion: 83 Resp: 98350
Ion Ratio Lower Upper
83 100
85 62.5 54.5 81.7
127 7.2 6.6 10.0

Manual Integrations
APPROVED

Reviewed By :John
Carlone

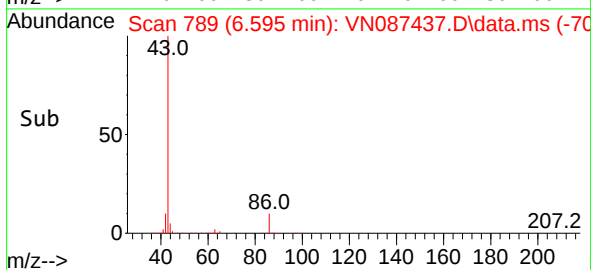
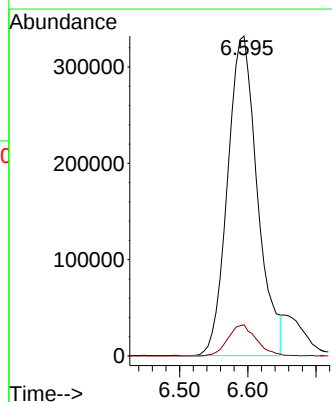
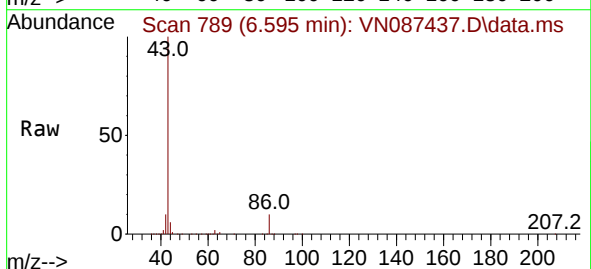
07/31/2025
Supervised By :Mahesh
Dadoda

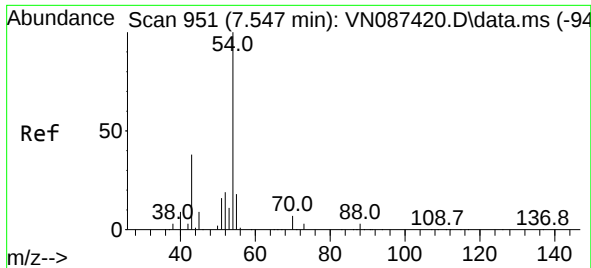
07/31/2025



#42
Vinyl Acetate
Concen: 93.905 ug/l
RT: 6.595 min Scan# 789
Delta R.T. 0.006 min
Lab File: VN087437.D
Acq: 30 Jul 2025 09:19

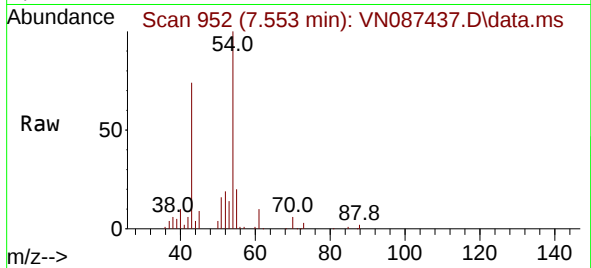
Tgt Ion: 43 Resp: 1010741
Ion Ratio Lower Upper
43 100
86 9.3 7.9 11.9





#43
Ethyl Acetate
Concen: 18.741 ug/l m
RT: 7.553 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN087437.D
Acq: 30 Jul 2025 09:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



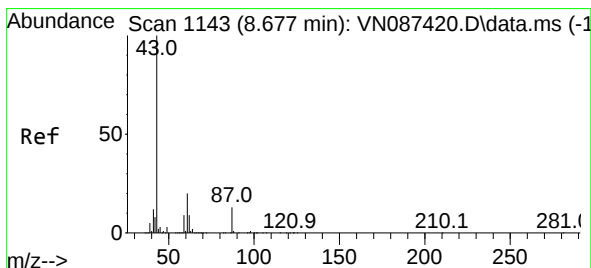
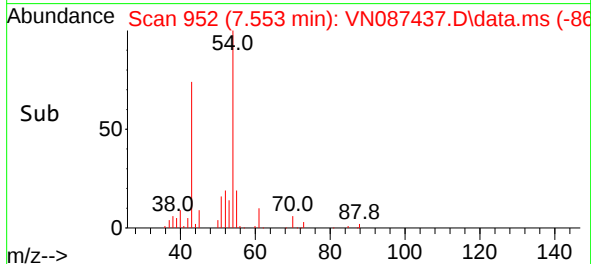
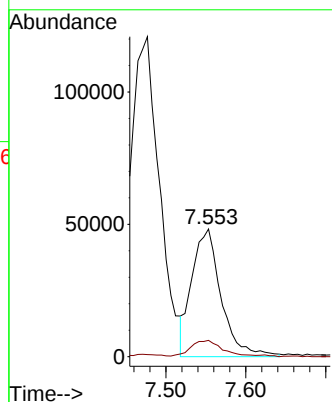
Tgt Ion: 43 Resp: 122870
Ion Ratio Lower Upper
43 100
45 0.8 1.6 2.4

Manual Integrations
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Reviewed By :John
Carlone

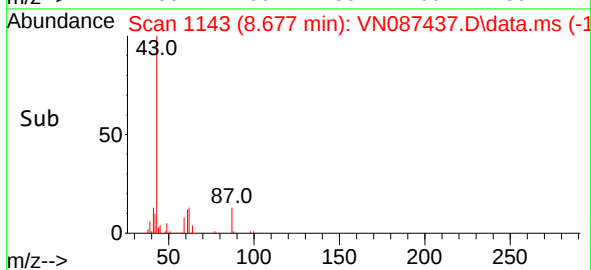
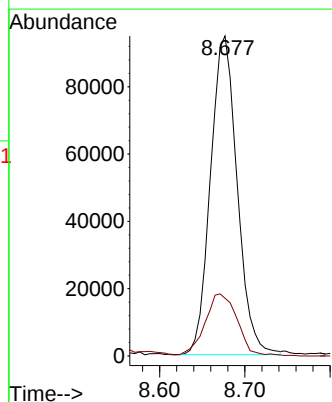
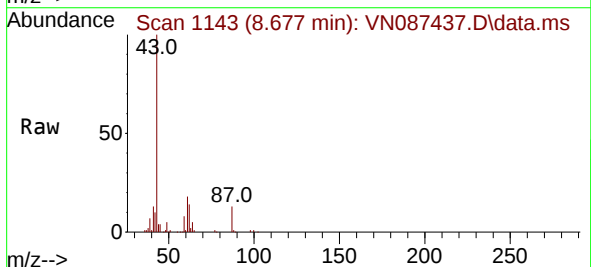
07/31/2025
Supervised By :Mahesh
Dadoda

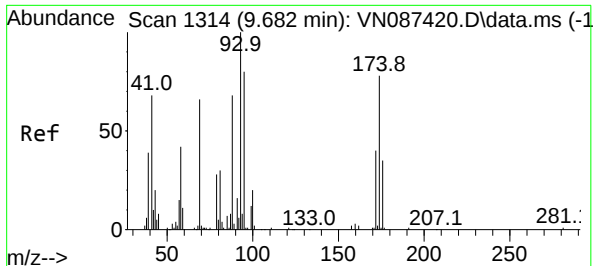
07/31/2025



#44
Isopropyl Acetate
Concen: 19.723 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN087437.D
Acq: 30 Jul 2025 09:19

Tgt Ion: 43 Resp: 206595
Ion Ratio Lower Upper
43 100
61 22.5 20.0 30.0





#45

1,4-Dioxane

Concen: 427.865 ug/l

RT: 9.683 min Scan# 1314

Delta R.T. 0.000 min

Lab File: VN087437.D

Acq: 30 Jul 2025 09:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

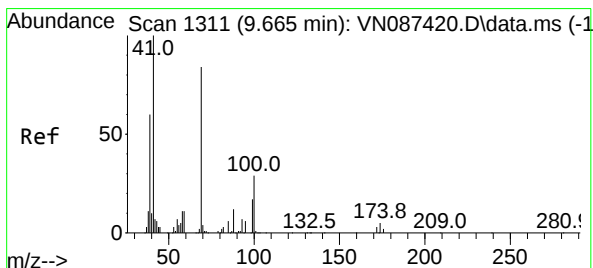
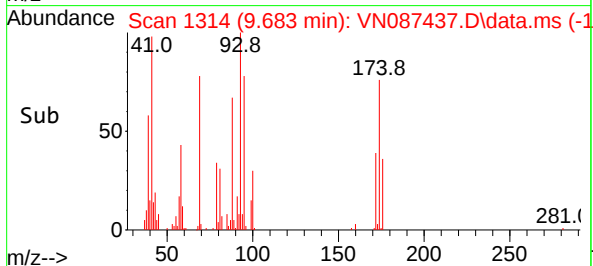
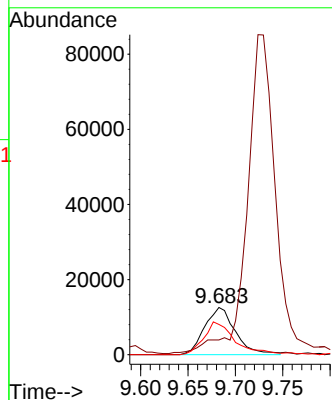
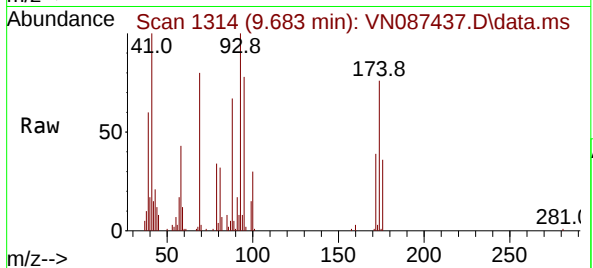
Tgt Ion: 88	Resp: 28430
Ion Ratio	Lower Upper
88 100	
43 6.1	22.7 34.1
58 0.0	56.2 84.4

Manual Integrations
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Reviewed By :John
Carlone

07/31/2025
Supervised By :Mahesh
Dadoda

07/31/2025



#46

Methyl methacrylate

Concen: 18.643 ug/l

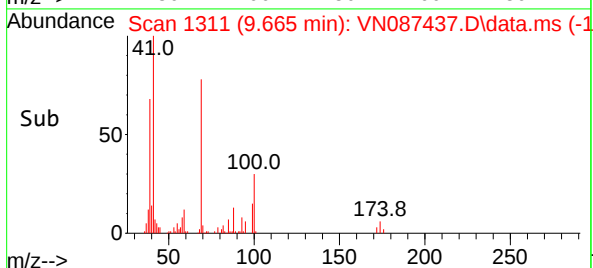
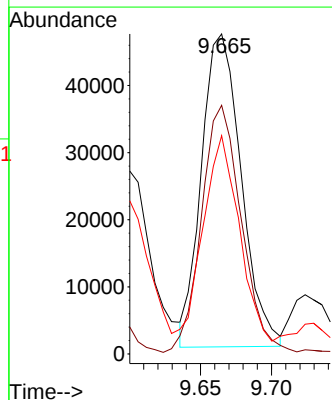
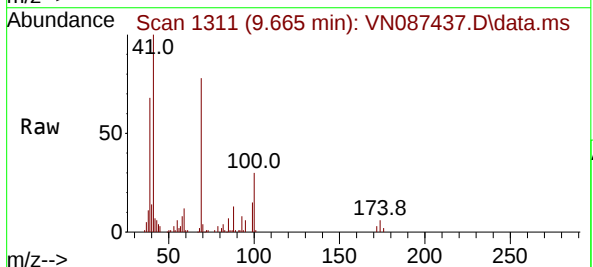
RT: 9.665 min Scan# 1311

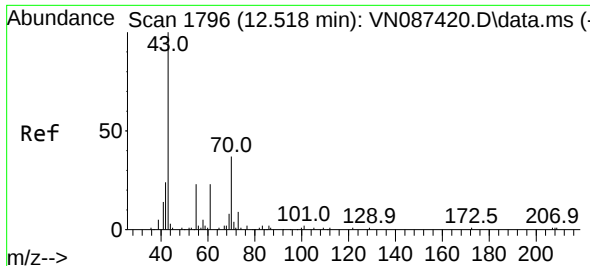
Delta R.T. 0.000 min

Lab File: VN087437.D

Acq: 30 Jul 2025 09:19

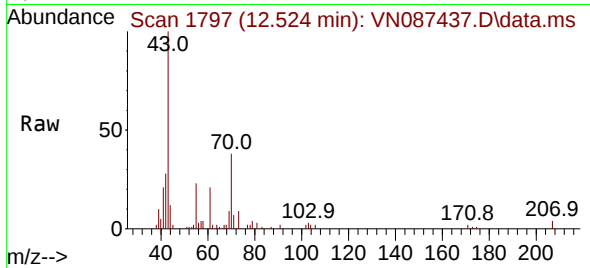
Tgt Ion: 41	Resp: 90926
Ion Ratio	Lower Upper
41 100	
69 79.4	41.9 125.7
39 66.3	31.1 93.5





#47
n-amy1 Acetate
Concen: 19.252 ug/l m
RT: 12.524 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087437.D
Acq: 30 Jul 2025 09:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



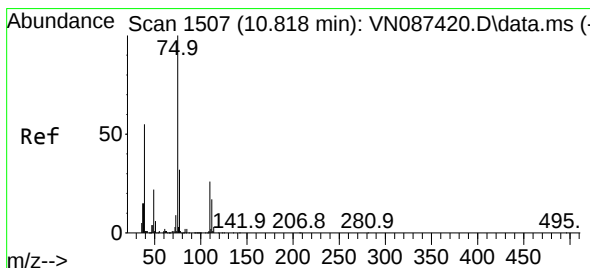
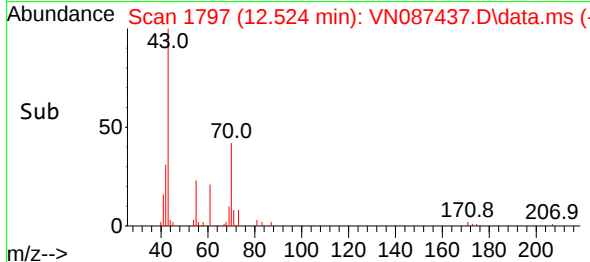
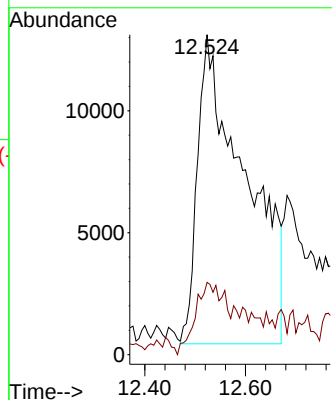
Tgt Ion: 43 Resp: 83130
Ion Ratio Lower Upper
43 100
55 0.1 15.0 22.6

Manual Integrations
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Reviewed By :John
Carlone

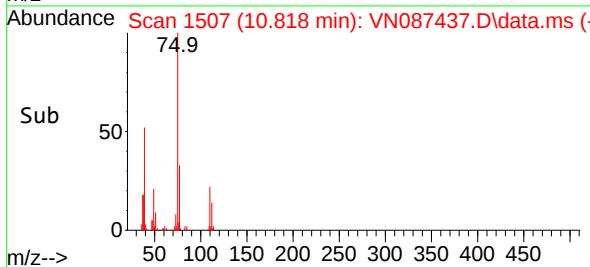
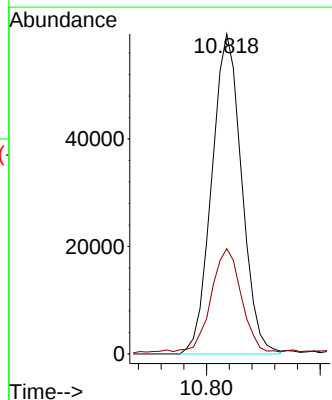
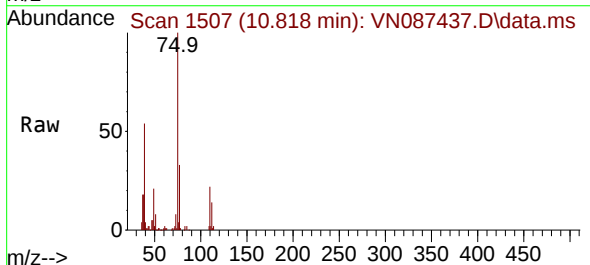
07/31/2025
Supervised By :Mahesh
Dadoda

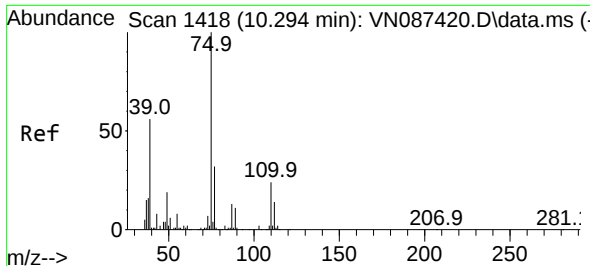
07/31/2025



#48
t-1,3-Dichloropropene
Concen: 18.640 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VN087437.D
Acq: 30 Jul 2025 09:19

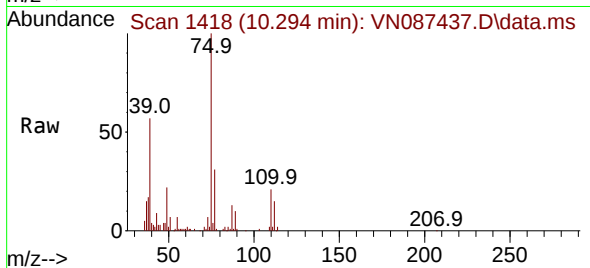
Tgt Ion: 75 Resp: 108905
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.2





#49
 cis-1,3-Dichloropropene
 Concen: 18.369 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VN087437.D
 Acq: 30 Jul 2025 09:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020



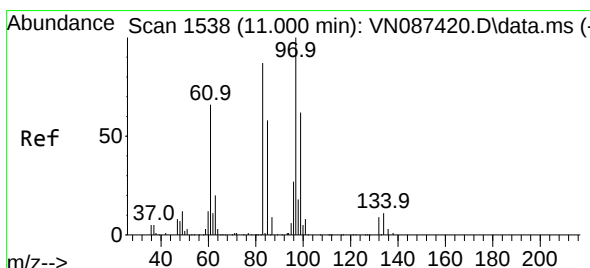
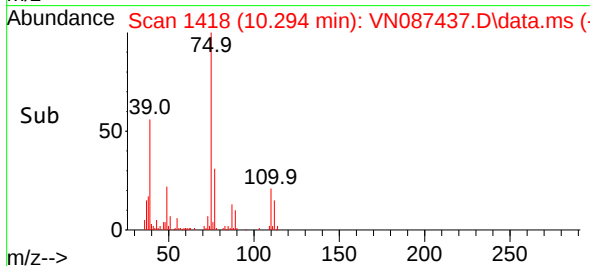
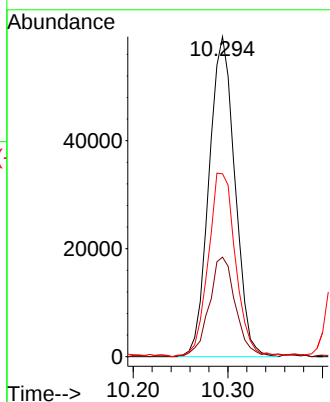
Tgt Ion: 75 Resp: 112712
 Ion Ratio Lower Upper
 75 100
 77 30.7 26.1 39.1
 39 56.7 45.0 67.4

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Reviewed By :John
 Carlone

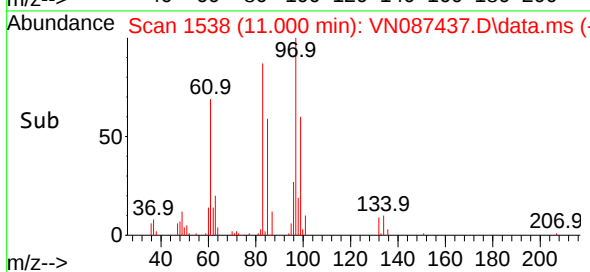
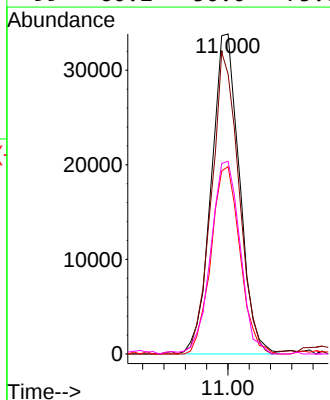
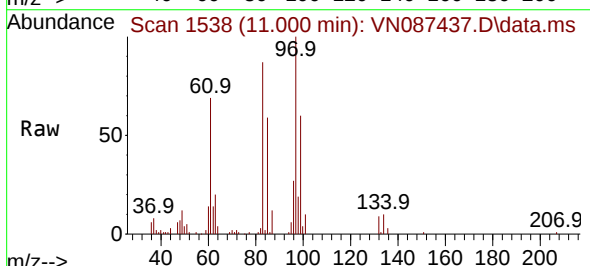
07/31/2025
 Supervised By :Mahesh
 Dadoda

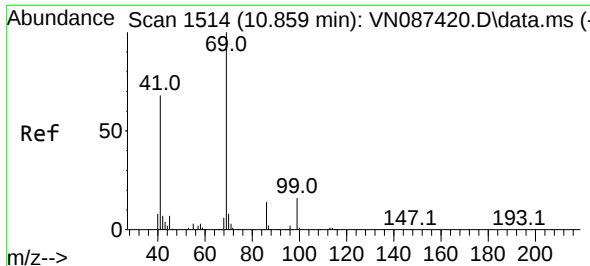
07/31/2025



#50
 1,1,2-Trichloroethane
 Concen: 18.122 ug/l
 RT: 11.000 min Scan# 1538
 Delta R.T. 0.000 min
 Lab File: VN087437.D
 Acq: 30 Jul 2025 09:19

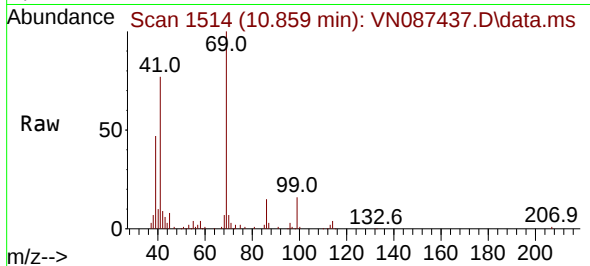
Tgt Ion: 97 Resp: 62202
 Ion Ratio Lower Upper
 97 100
 83 87.4 70.0 105.0
 85 58.5 46.2 69.2
 99 60.2 50.0 75.0





#51
Ethyl methacrylate
Concen: 18.573 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN087437.D
Acq: 30 Jul 2025 09:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



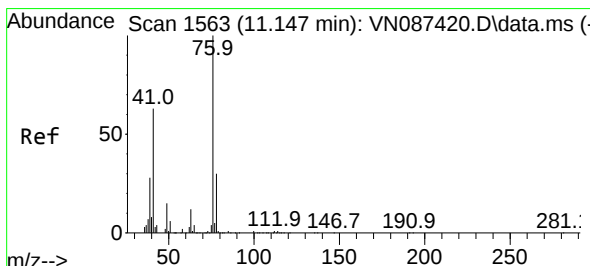
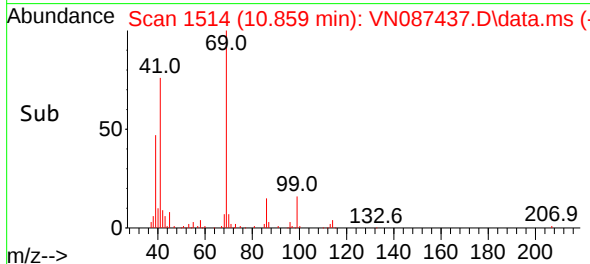
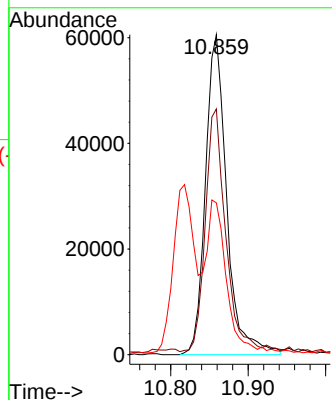
Tgt Ion: 69 Resp: 115449
Ion Ratio Lower Upper
69 100
41 75.8 33.9 101.6
39 46.4 20.3 60.9

Manual Integrations
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Reviewed By :John
Carlone

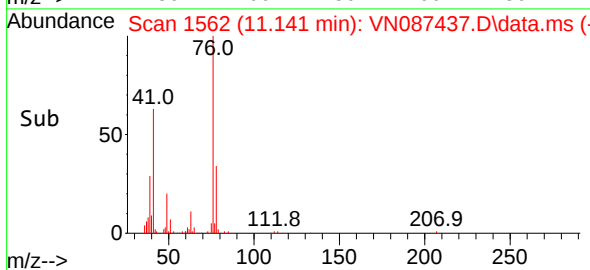
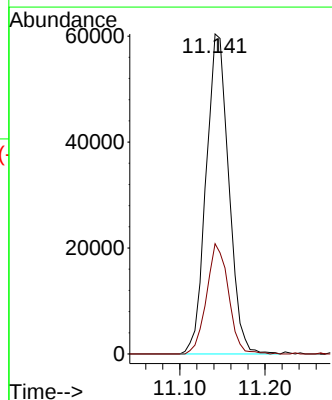
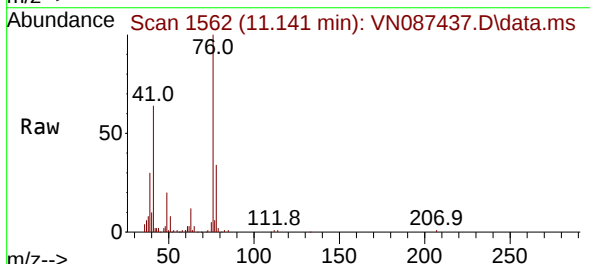
07/31/2025
Supervised By :Mahesh
Dadoda

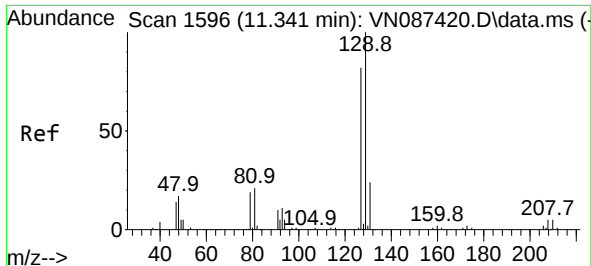
07/31/2025



#52
1,3-Dichloropropane
Concen: 18.820 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.006 min
Lab File: VN087437.D
Acq: 30 Jul 2025 09:19

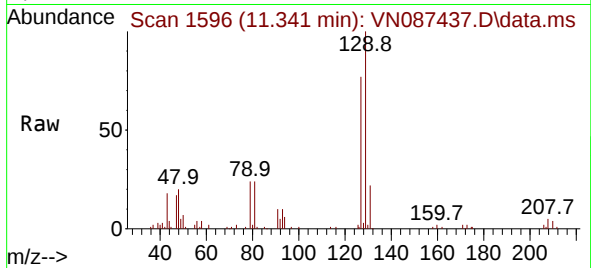
Tgt Ion: 76 Resp: 111645
Ion Ratio Lower Upper
76 100
78 33.0 0.0 67.4





#53
Dibromochloromethane
Concen: 18.687 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VN087437.D
Acq: 30 Jul 2025 09:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



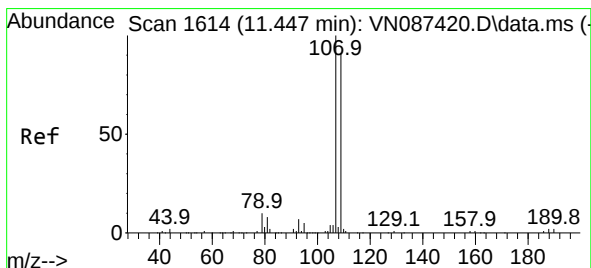
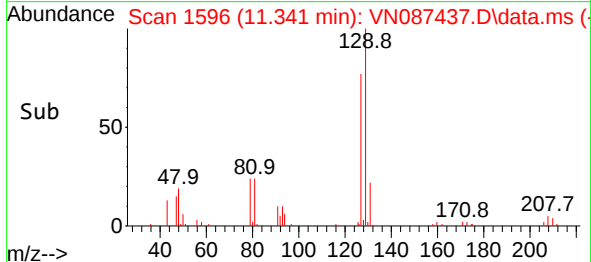
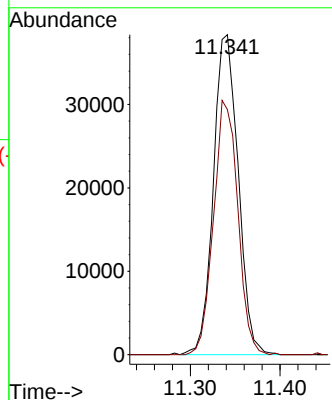
Tgt Ion:129 Resp: 73570
Ion Ratio Lower Upper
129 100
127 77.8 39.5 118.3

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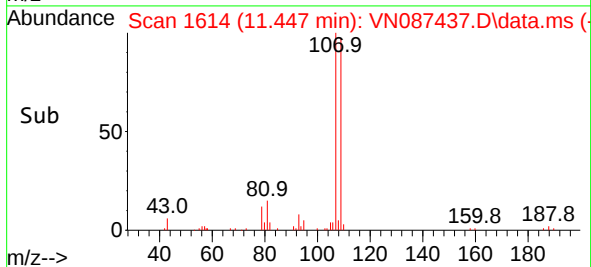
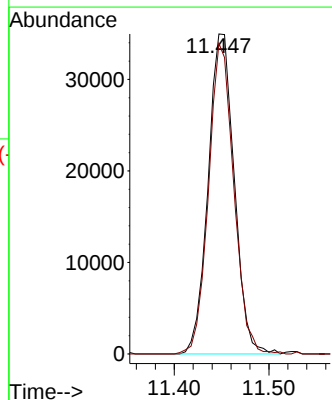
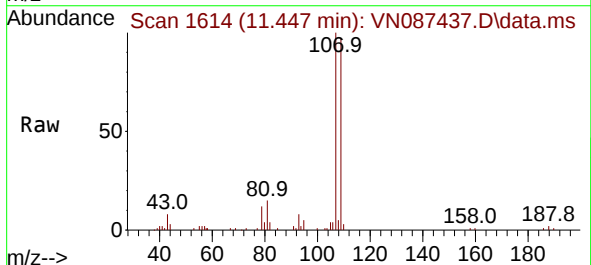
07/31/2025
Supervised By :Mahesh
Dadoda

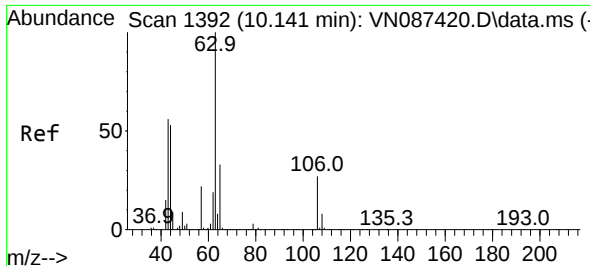
07/31/2025



#54
1,2-Dibromoethane
Concen: 18.546 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN087437.D
Acq: 30 Jul 2025 09:19

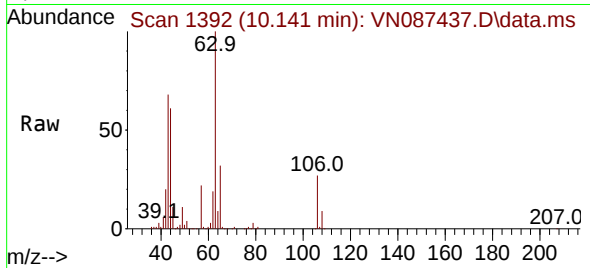
Tgt Ion:107 Resp: 66981
Ion Ratio Lower Upper
107 100
109 93.6 73.9 110.9





#55
2-Chloroethyl vinyl ether
Concen: 129.542 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN087437.D
Acq: 30 Jul 2025 09:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



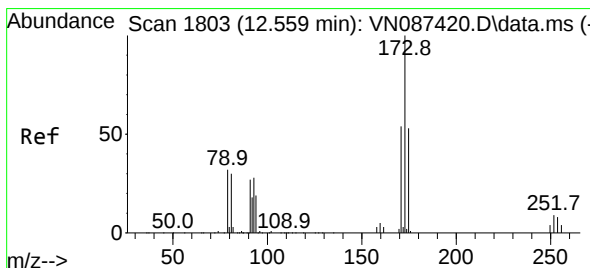
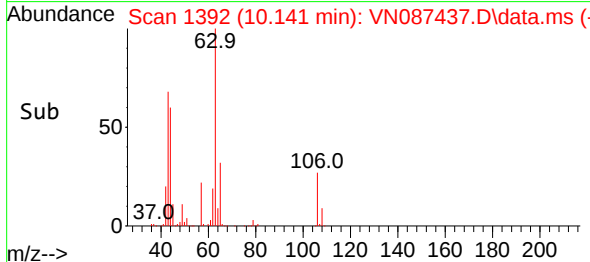
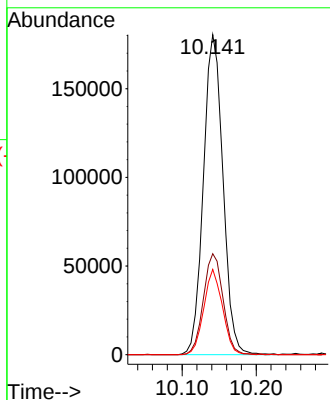
Tgt Ion: 63 Resp: 331080
Ion Ratio Lower Upper
63 100
65 31.7 26.2 39.2
106 25.4 21.3 31.9

Manual Integrations
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Reviewed By :John
Carlone

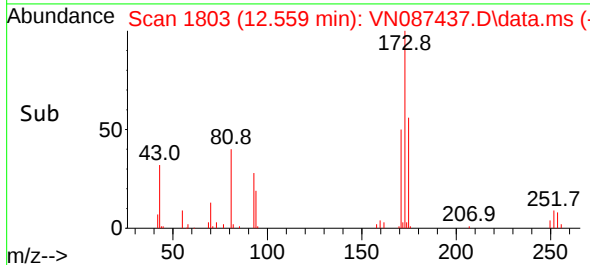
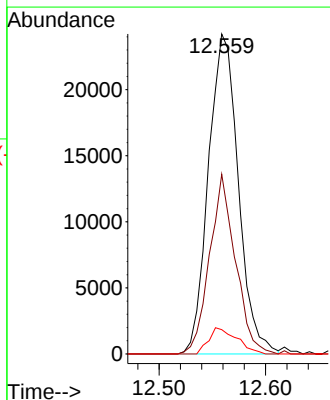
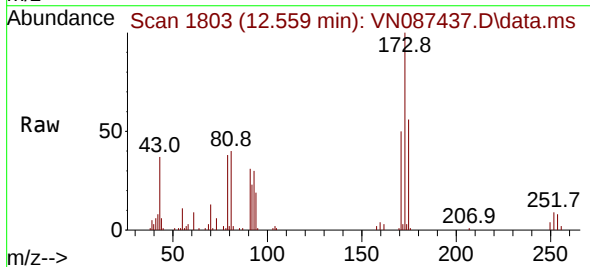
07/31/2025
Supervised By :Mahesh
Dadoda

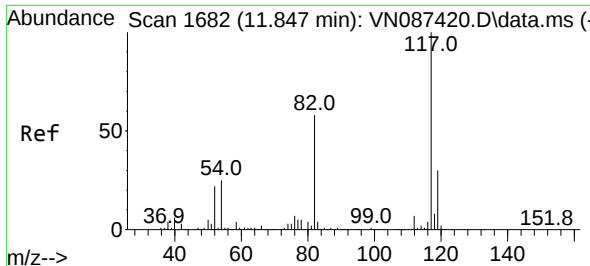
07/31/2025



#56
Bromoform
Concen: 17.103 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN087437.D
Acq: 30 Jul 2025 09:19

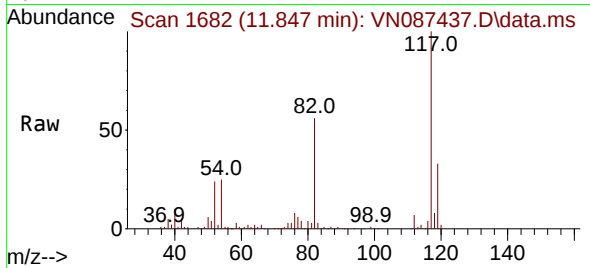
Tgt Ion:173 Resp: 47252
Ion Ratio Lower Upper
173 100
175 48.6 38.4 57.6
254 7.7 6.4 9.6





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN087437.D
Acq: 30 Jul 2025 09:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



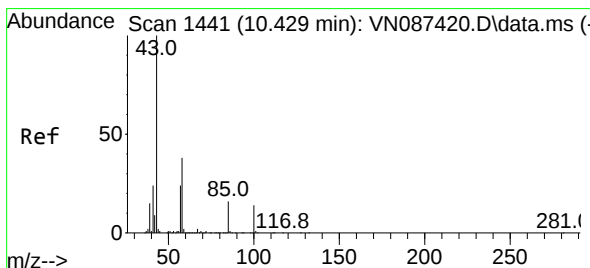
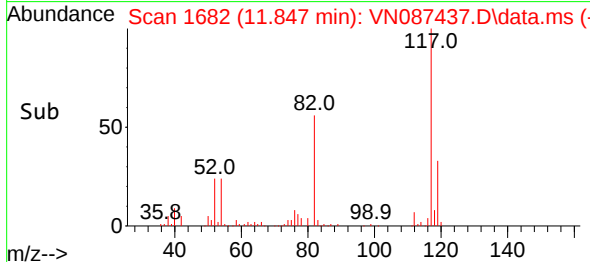
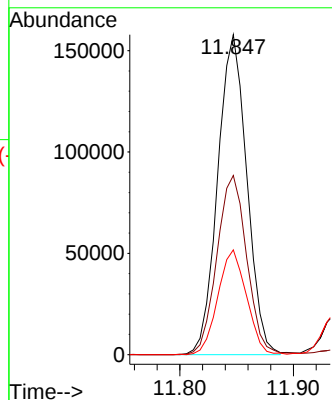
Tgt Ion:117 Resp: 281690
Ion Ratio Lower Upper
117 100
82 57.2 46.2 69.4
119 32.1 25.7 38.5

Manual Integrations
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Reviewed By :John
Carlone

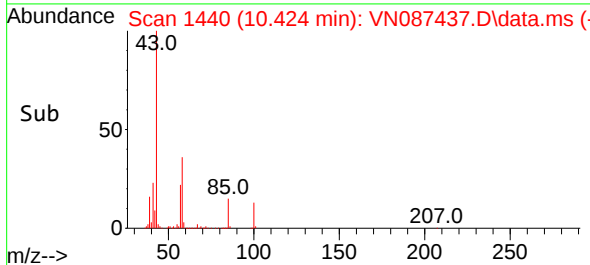
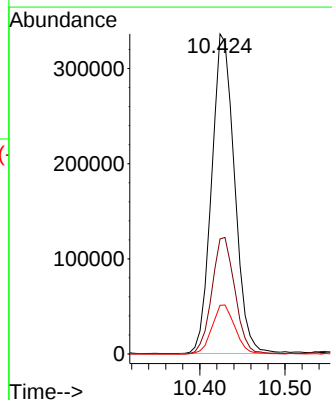
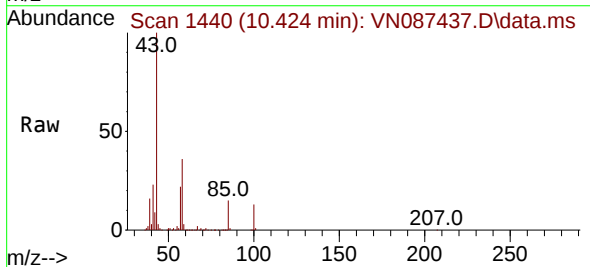
07/31/2025
Supervised By :Mahesh
Dadoda

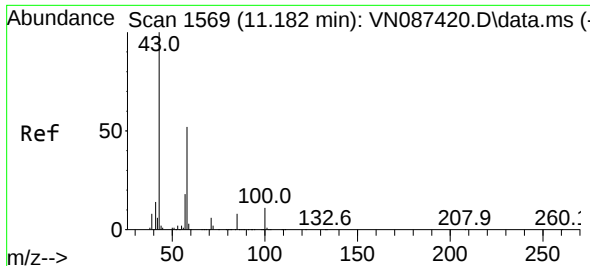
07/31/2025



#58
4-Methyl-2-Pentanone
Concen: 98.851 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.006 min
Lab File: VN087437.D
Acq: 30 Jul 2025 09:19

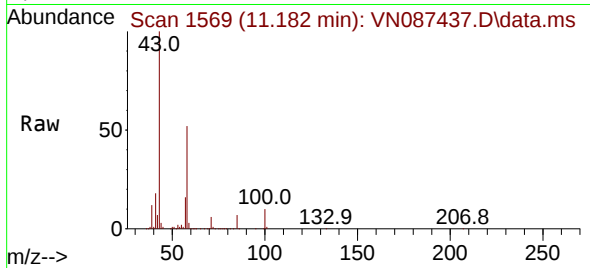
Tgt Ion: 43 Resp: 627206
Ion Ratio Lower Upper
43 100
58 36.8 29.9 44.9
85 15.3 12.8 19.2





#59
2-Hexanone
Concen: 95.341 ug/l
RT: 11.182 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VN087437.D
Acq: 30 Jul 2025 09:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



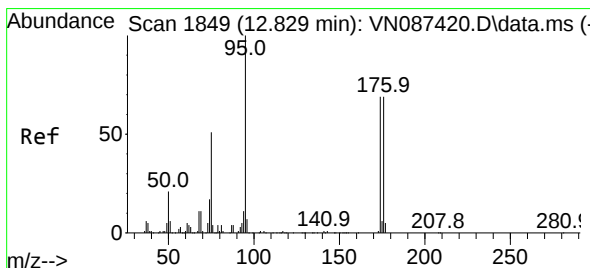
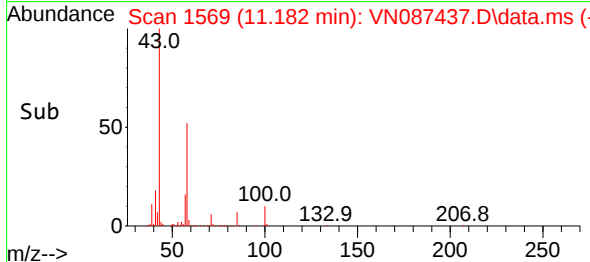
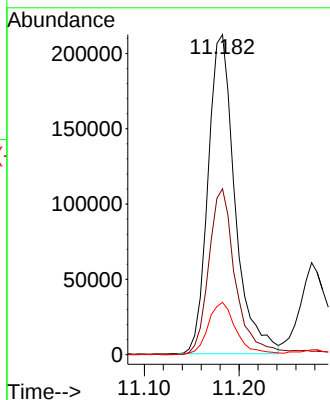
Tgt Ion: 43 Resp: 419225
Ion Ratio Lower Upper
43 100
58 51.5 42.2 63.2
57 16.7 14.3 21.5

Manual Integrations
APPROVED

Reviewed By :John
Carlone

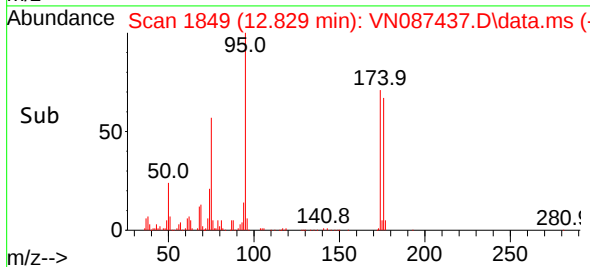
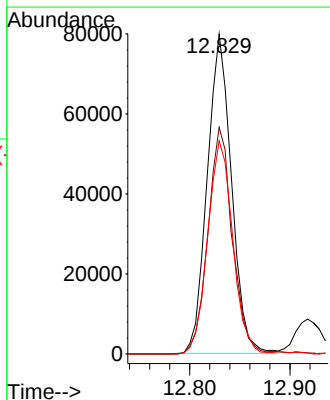
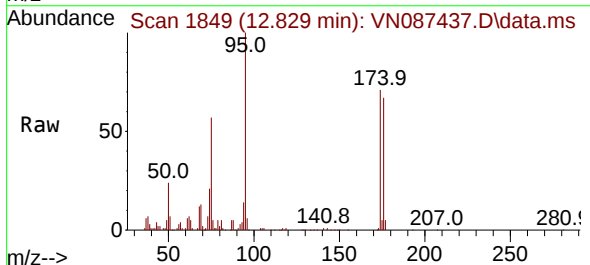
07/31/2025
Supervised By :Mahesh
Dadoda

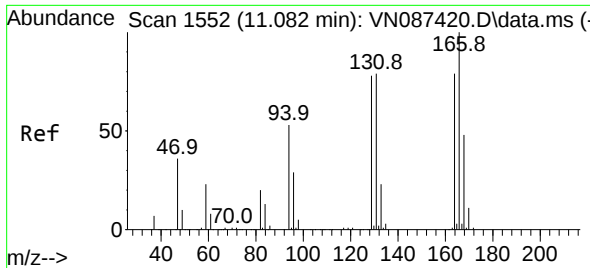
07/31/2025



#60
4-Bromofluorobenzene
Concen: 28.970 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087437.D
Acq: 30 Jul 2025 09:19

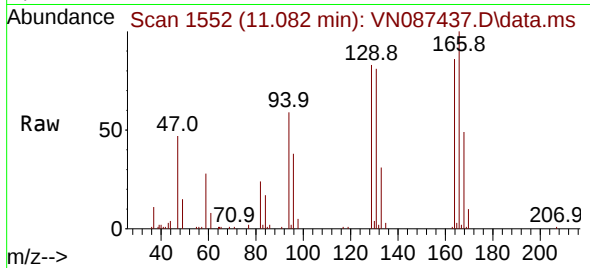
Tgt Ion: 95 Resp: 134007
Ion Ratio Lower Upper
95 100
174 71.4 57.8 86.8
176 68.9 54.9 82.3





#61
Tetrachloroethene
Concen: 16.840 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN087437.D
Acq: 30 Jul 2025 09:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



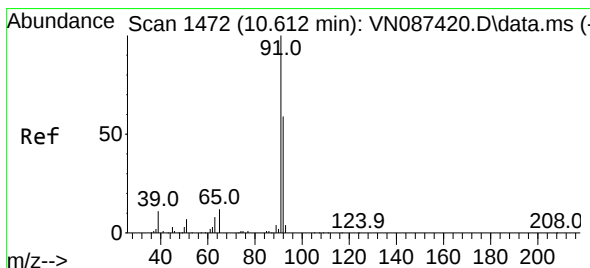
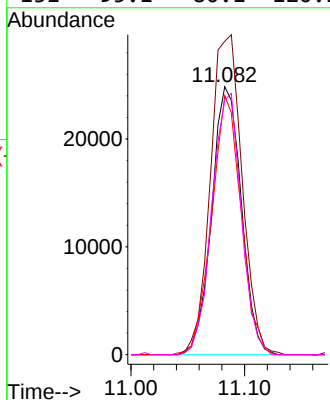
Tgt Ion:164 Resp: 45038
Ion Ratio Lower Upper
164 100
166 116.9 101.8 152.8
129 96.7 79.8 119.8
131 95.1 80.1 120.1

Manual Integrations
APPROVED

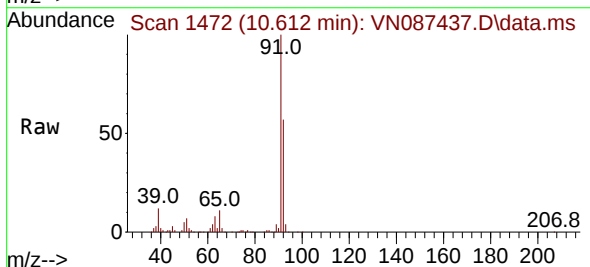
Reviewed By :John
Carlone

07/31/2025
Supervised By :Mahesh
Dadoda

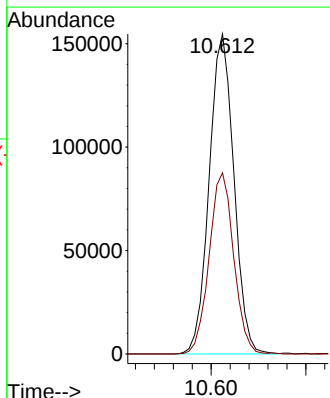
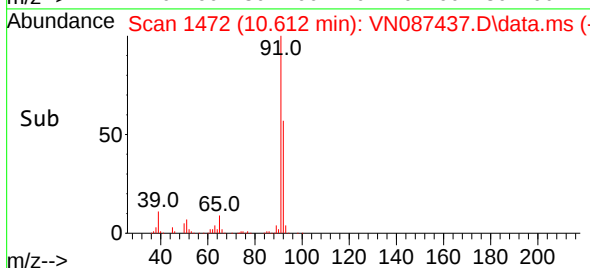
07/31/2025

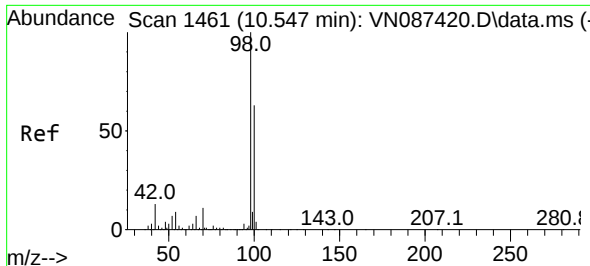


#62
Toluene
Concen: 17.633 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VN087437.D
Acq: 30 Jul 2025 09:19



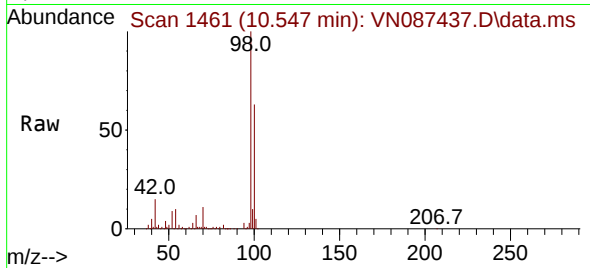
Tgt Ion: 91 Resp: 280326
Ion Ratio Lower Upper
91 100
92 56.3 45.6 68.4





#63
Toluene-d8
Concen: 30.386 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087437.D
Acq: 30 Jul 2025 09:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



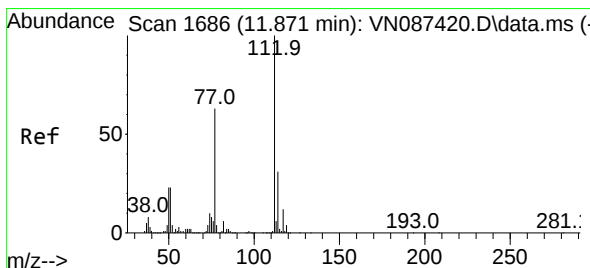
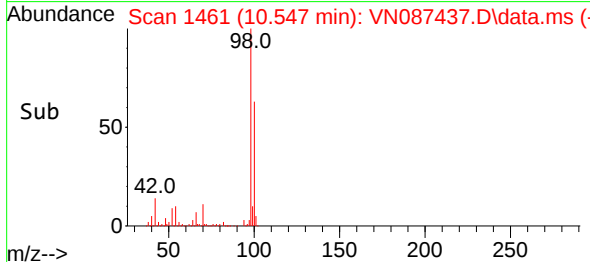
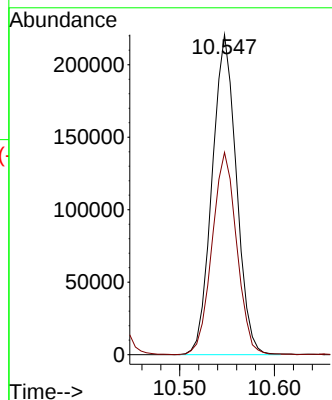
Tgt Ion: 98 Resp: 393088
Ion Ratio Lower Upper
98 100
100 64.2 50.7 76.1

Manual Integrations
APPROVED

Reviewed By :John
Carlone

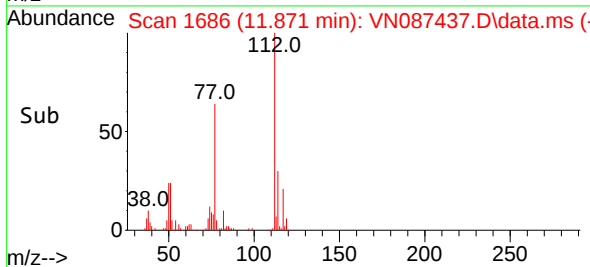
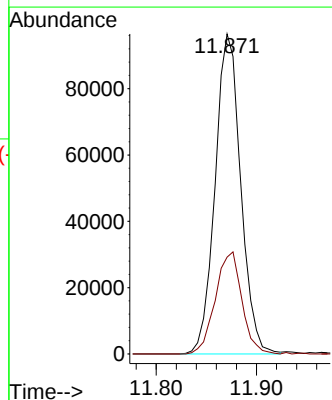
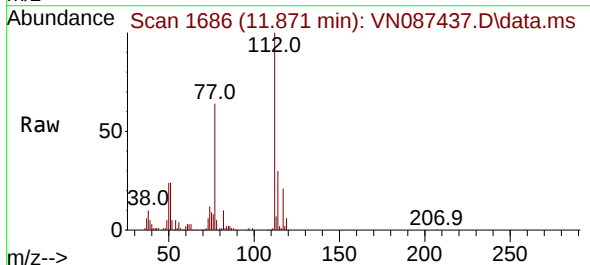
07/31/2025
Supervised By :Mahesh
Dadoda

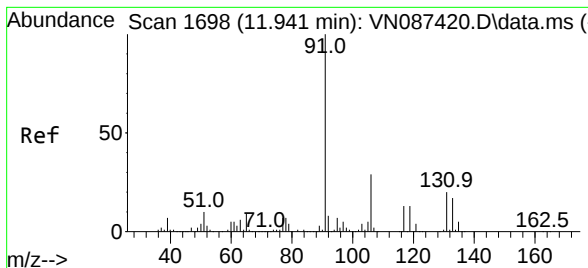
07/31/2025



#64
Chlorobenzene
Concen: 17.469 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN087437.D
Acq: 30 Jul 2025 09:19

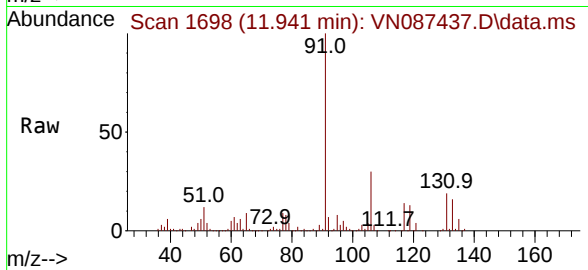
Tgt Ion:112 Resp: 170783
Ion Ratio Lower Upper
112 100
114 30.2 25.2 37.8





#65
1,1,1,2-Tetrachloroethane
Concen: 18.276 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087437.D
Acq: 30 Jul 2025 09:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



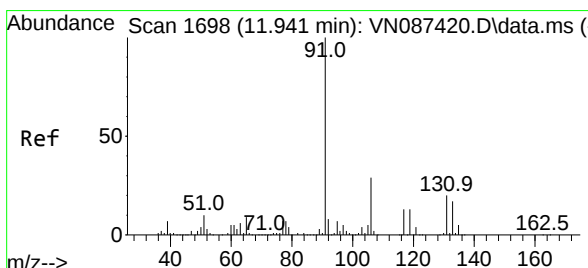
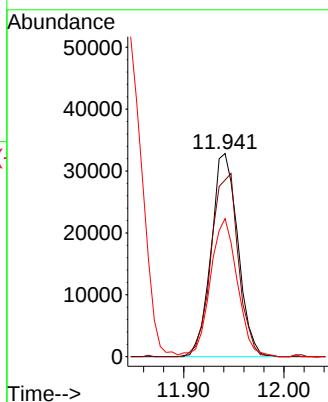
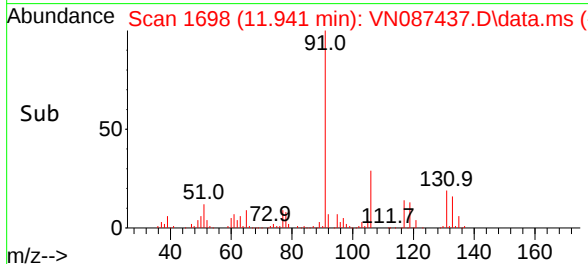
Tgt Ion:131 Resp: 60589
Ion Ratio Lower Upper
131 100
133 91.6 0.0 184.2
119 68.6 0.0 136.4

Manual Integrations
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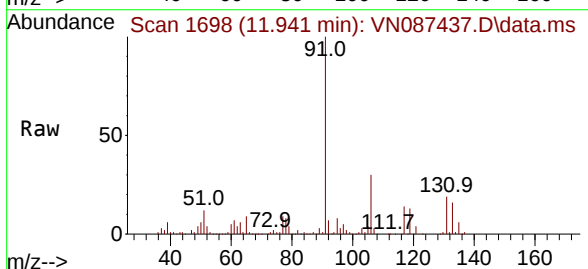
Reviewed By :John
Carlone

07/31/2025
Supervised By :Mahesh
Dadoda

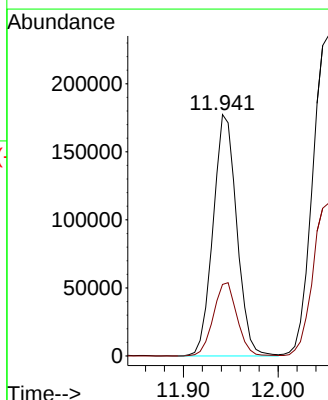
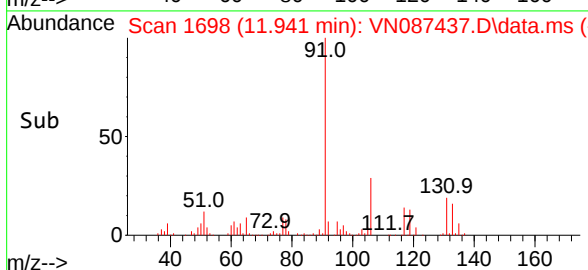
07/31/2025

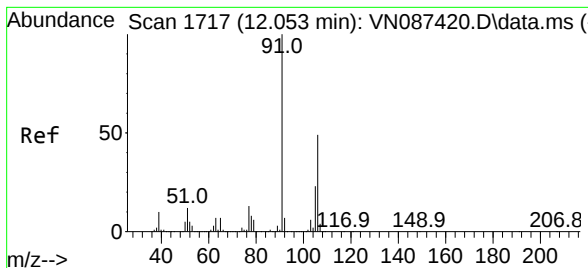


#66
Ethyl Benzene
Concen: 17.757 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087437.D
Acq: 30 Jul 2025 09:19



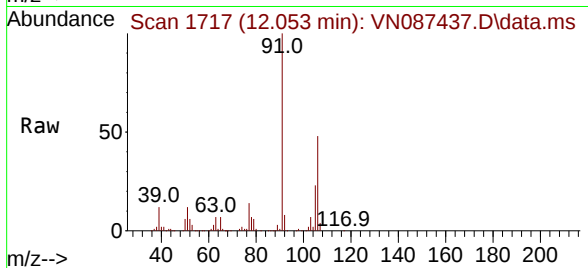
Tgt Ion: 91 Resp: 308416
Ion Ratio Lower Upper
91 100
106 29.6 23.6 35.4





#67
m/p-Xylenes
Concen: 35.175 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VN087437.D
Acq: 30 Jul 2025 09:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



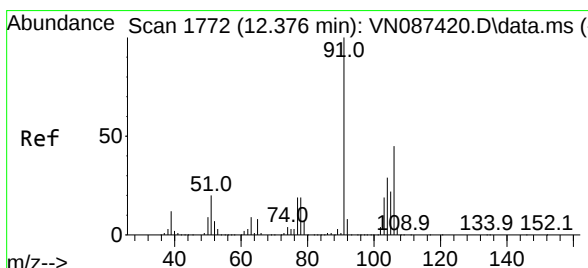
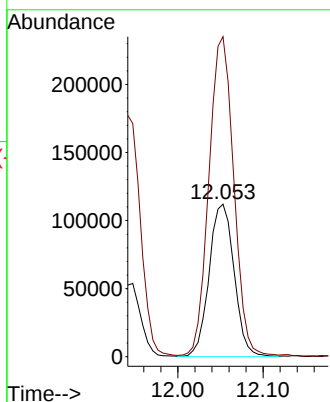
Tgt Ion:106 Resp: 22892
Ion Ratio Lower Upper
106 100
91 208.6 165.4 248.2

Manual Integrations
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Reviewed By :John
Carlone

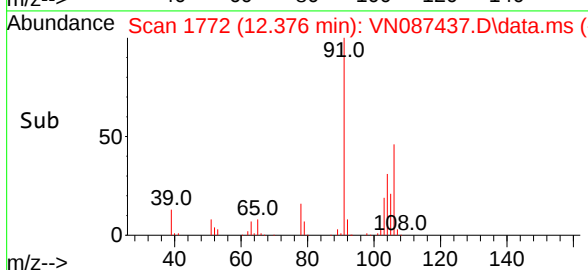
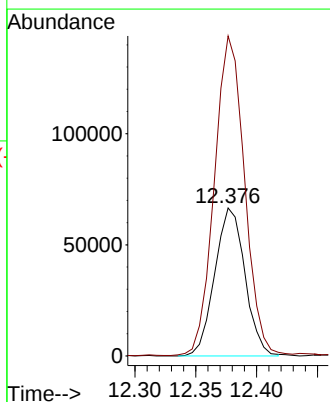
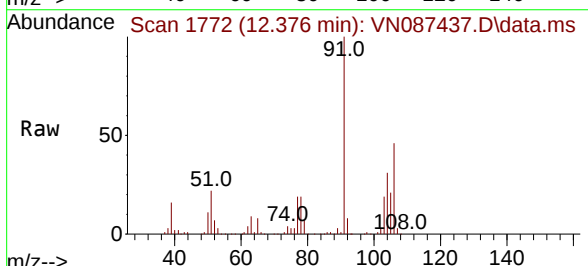
07/31/2025
Supervised By :Mahesh
Dadoda

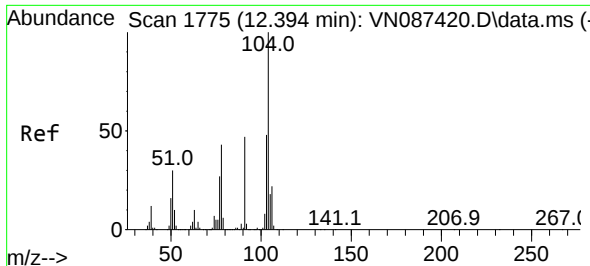
07/31/2025



#68
o-Xylene
Concen: 18.040 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087437.D
Acq: 30 Jul 2025 09:19

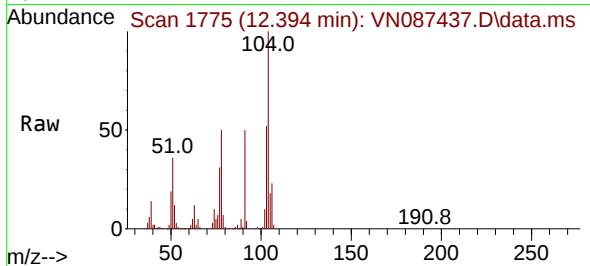
Tgt Ion:106 Resp: 114894
Ion Ratio Lower Upper
106 100
91 215.9 106.9 320.8





#69
Styrene
Concen: 17.775 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN087437.D
Acq: 30 Jul 2025 09:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



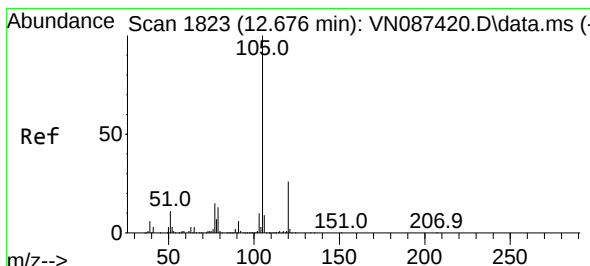
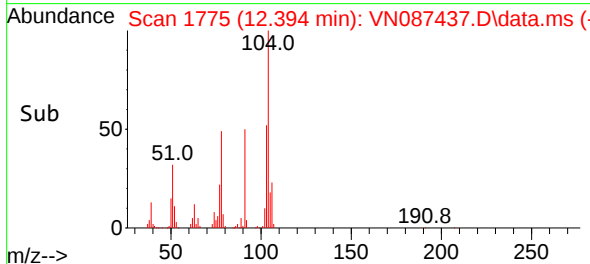
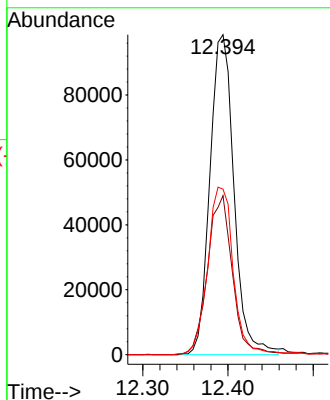
Tgt Ion:104 Resp: 193630
Ion Ratio Lower Upper
104 100
78 51.1 40.6 60.8
103 55.7 43.8 65.8

Manual Integrations
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Reviewed By :John
Carlone

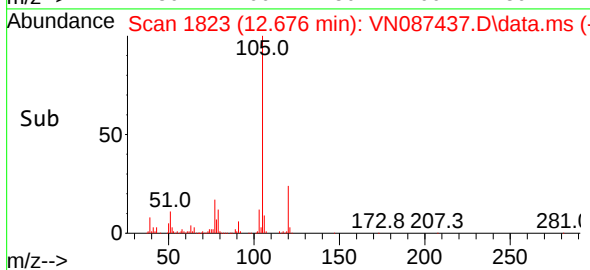
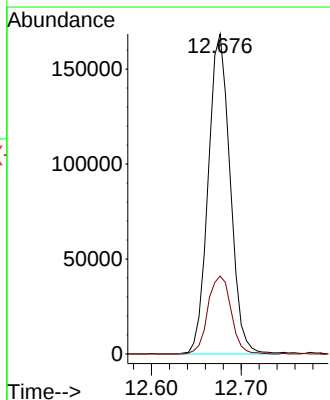
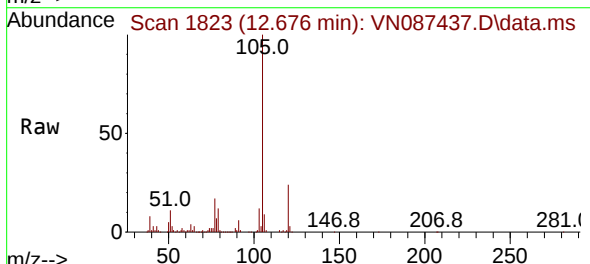
07/31/2025
Supervised By :Mahesh
Dadoda

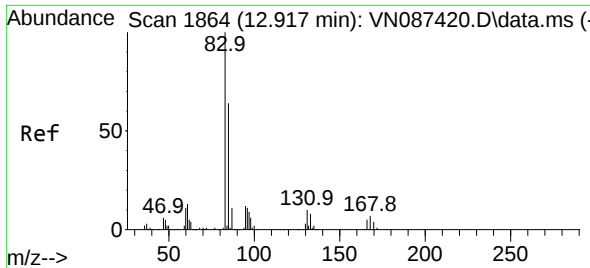
07/31/2025



#70
Isopropylbenzene
Concen: 17.484 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. 0.000 min
Lab File: VN087437.D
Acq: 30 Jul 2025 09:19

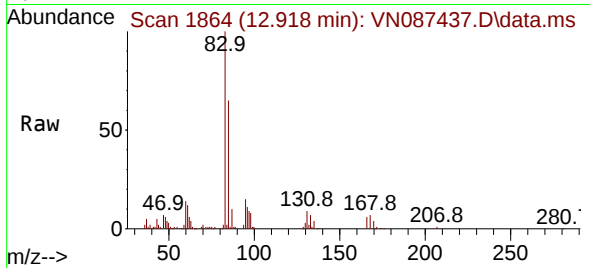
Tgt Ion:105 Resp: 285966
Ion Ratio Lower Upper
105 100
120 25.7 18.1 33.5





#71
1,1,2,2-Tetrachloroethane
Concen: 18.413 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN087437.D
Acq: 30 Jul 2025 09:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



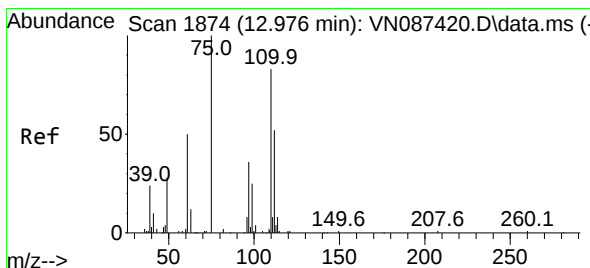
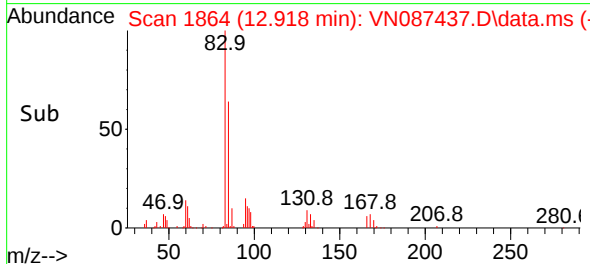
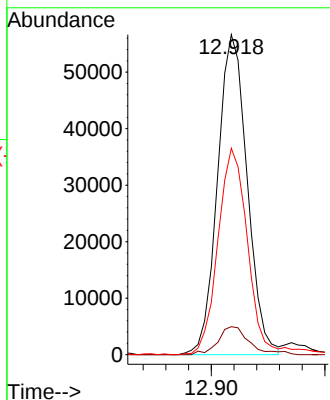
Tgt Ion: 83 Resp: 10268
Ion Ratio Lower Upper
83 100
131 9.0 5.0 14.9
85 64.3 32.7 98.1

Manual Integrations
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Reviewed By :John
Carlone

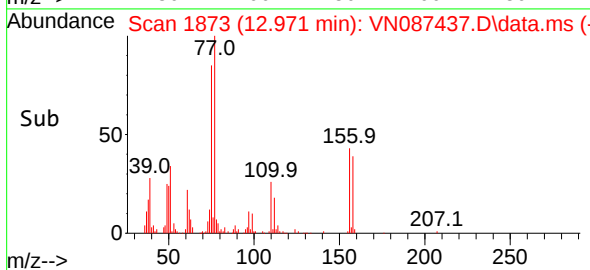
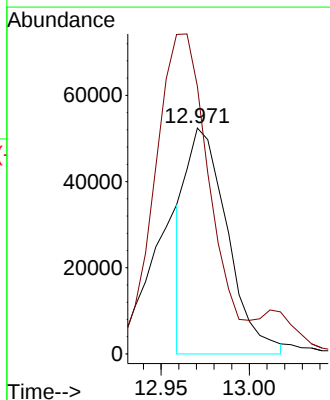
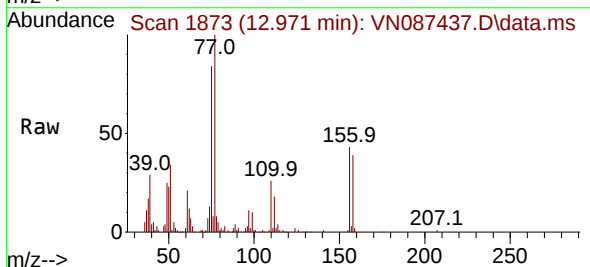
07/31/2025
Supervised By :Mahesh
Dadoda

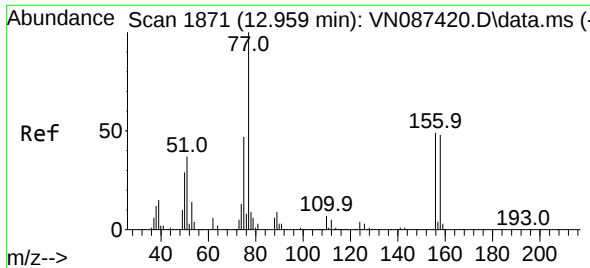
07/31/2025



#72
1,2,3-Trichloropropane
Concen: 16.917 ug/l m
RT: 12.971 min Scan# 1873
Delta R.T. -0.006 min
Lab File: VN087437.D
Acq: 30 Jul 2025 09:19

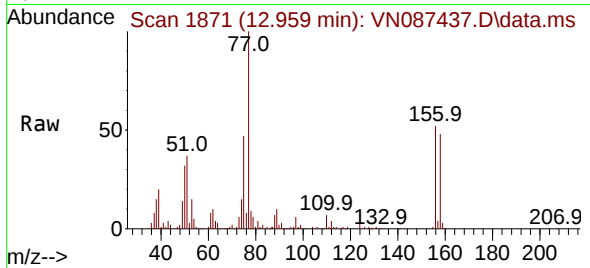
Tgt Ion: 75 Resp: 85820
Ion Ratio Lower Upper
75 100
77 186.9 0.0 322.6





#73
Bromobenzene
Concen: 17.540 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN087437.D
Acq: 30 Jul 2025 09:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



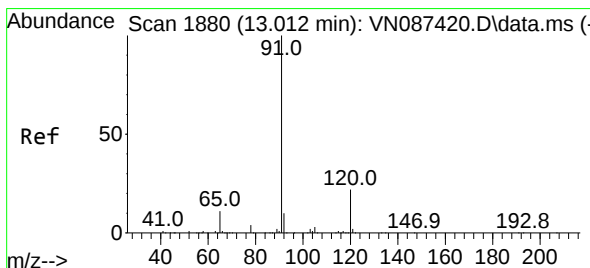
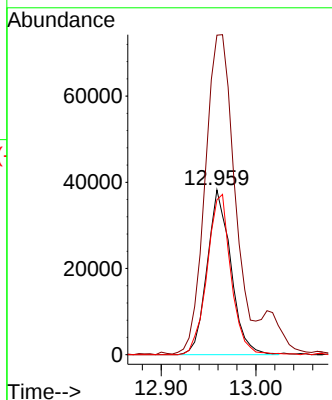
Tgt Ion:156 Resp: 66654
Ion Ratio Lower Upper
156 100
77 240.7 0.0 483.0
158 96.9 0.0 195.0

Manual Integrations
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Reviewed By :John
Carlone

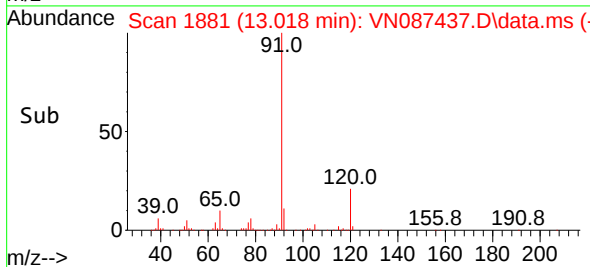
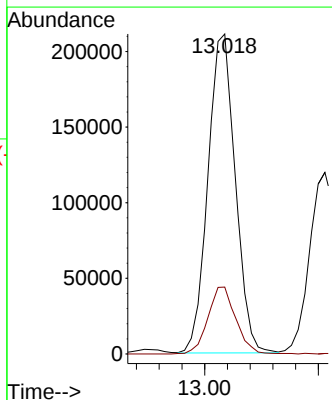
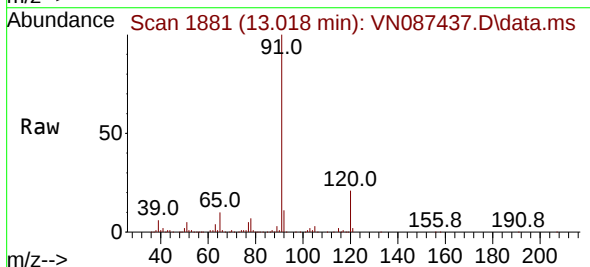
07/31/2025
Supervised By :Mahesh
Dadoda

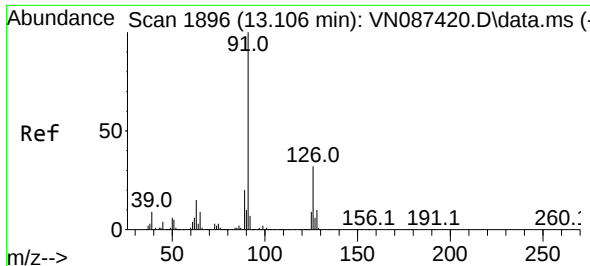
07/31/2025



#74
n-propylbenzene
Concen: 17.483 ug/l
RT: 13.018 min Scan# 1881
Delta R.T. 0.006 min
Lab File: VN087437.D
Acq: 30 Jul 2025 09:19

Tgt Ion: 91 Resp: 353029
Ion Ratio Lower Upper
91 100
120 21.3 0.0 44.0





#75
2-Chlorotoluene
Concen: 17.591 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN087437.D
Acq: 30 Jul 2025 09:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

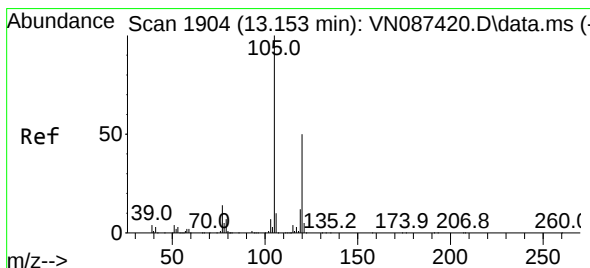
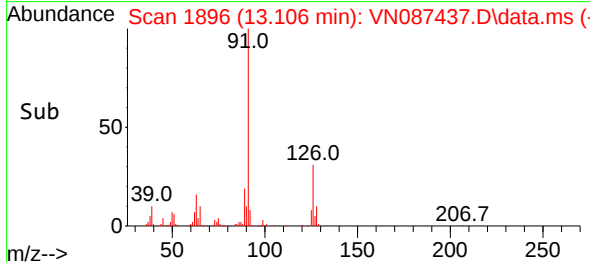
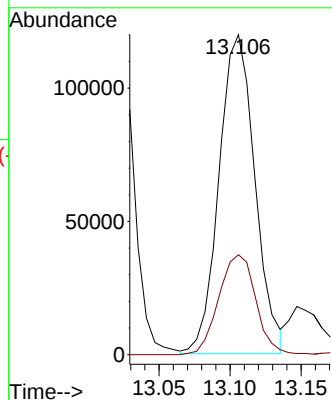
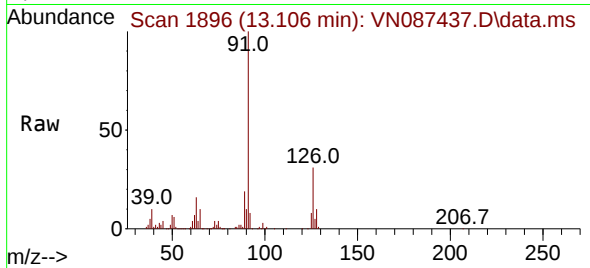
Tgt Ion: 91 Resp: 210818
Ion Ratio Lower Upper
91 100
126 32.3 0.0 64.4

Manual Integrations
APPROVED

Reviewed By :John
Carlone

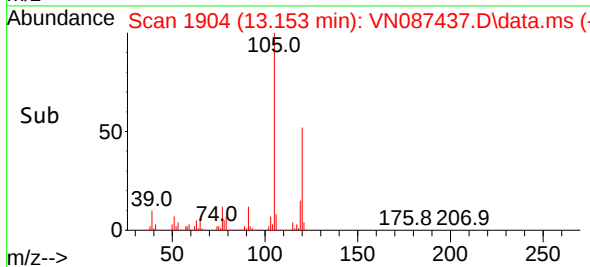
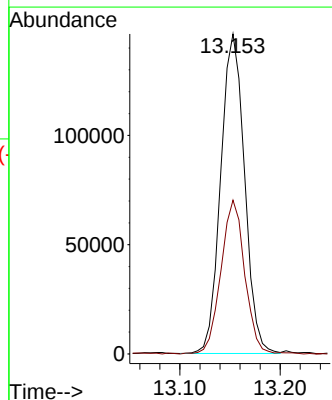
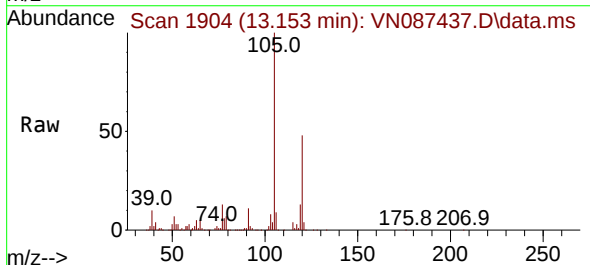
07/31/2025
Supervised By :Mahesh
Dadoda

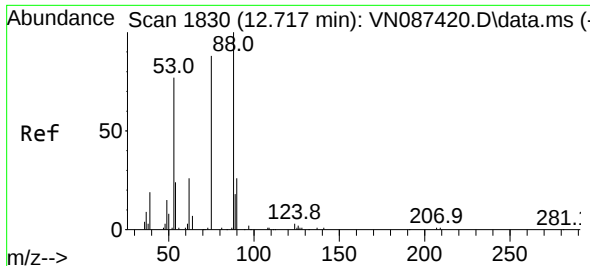
07/31/2025



#76
1,3,5-Trimethylbenzene
Concen: 17.744 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087437.D
Acq: 30 Jul 2025 09:19

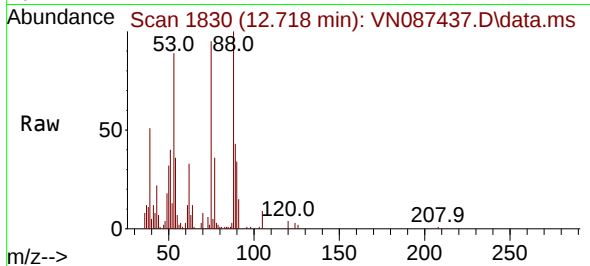
Tgt Ion:105 Resp: 240427
Ion Ratio Lower Upper
105 100
120 48.1 0.0 97.0





#77
t-1,4-Dichloro-2-butene
Concen: 15.601 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN087437.D
Acq: 30 Jul 2025 09:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



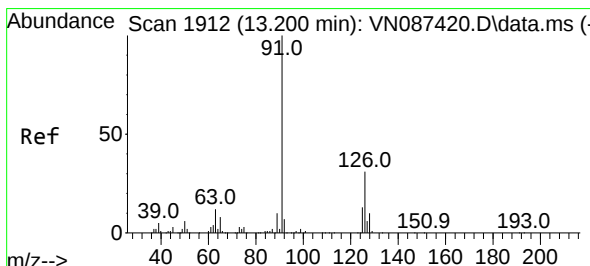
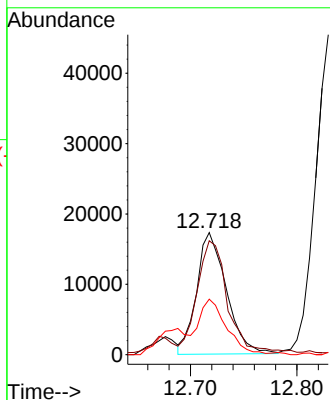
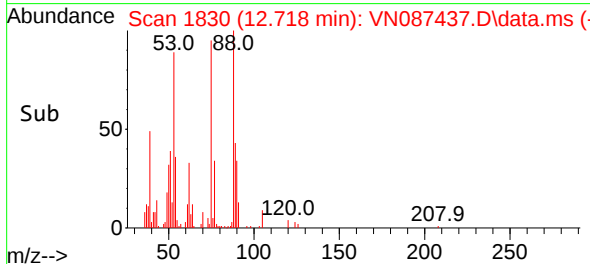
Tgt Ion: 75 Resp: 3358
Ion Ratio Lower Upper
75 100
53 91.1 44.3 132.8
89 44.5 22.4 67.3

Manual Integrations
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Reviewed By :John
Carlone

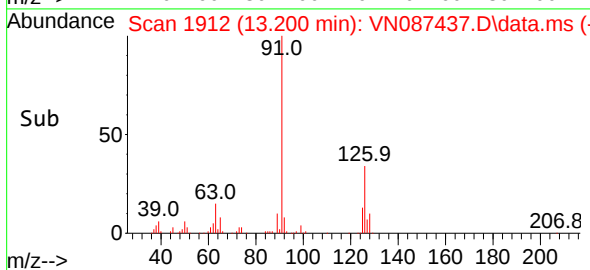
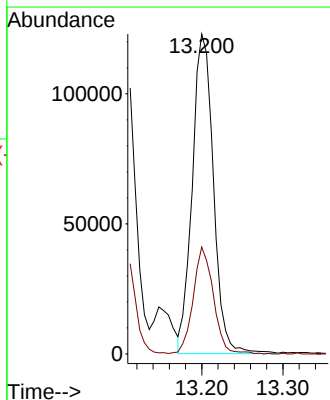
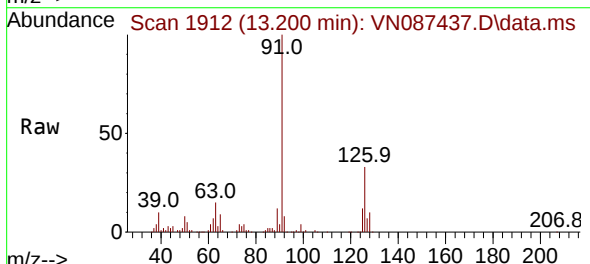
07/31/2025
Supervised By :Mahesh
Dadoda

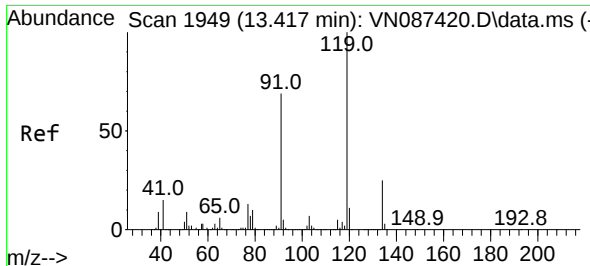
07/31/2025



#78
4-Chlorotoluene
Concen: 18.089 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087437.D
Acq: 30 Jul 2025 09:19

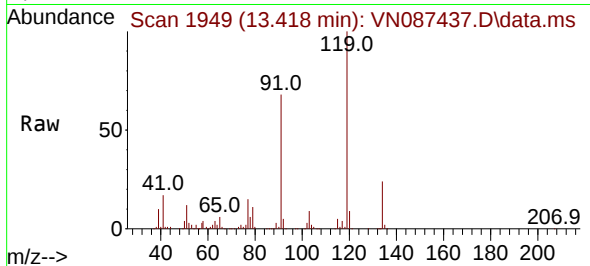
Tgt Ion: 91 Resp: 222613
Ion Ratio Lower Upper
91 100
126 31.2 0.0 63.4





#79
tert-butylbenzene
Concen: 17.696 ug/l
RT: 13.418 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VN087437.D
Acq: 30 Jul 2025 09:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



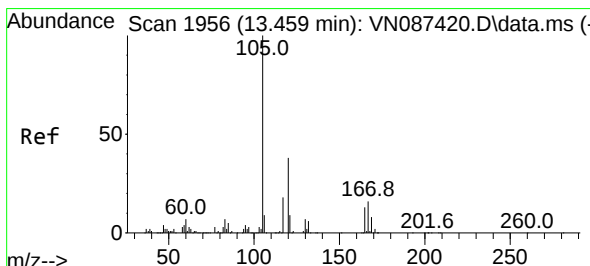
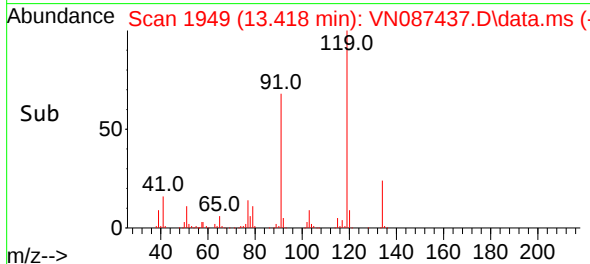
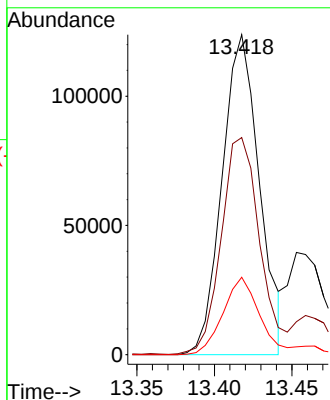
Tgt Ion:119 Resp: 207134
Ion Ratio Lower Upper
119 100
91 69.9 0.0 135.4
134 23.5 0.0 49.2

Manual Integrations
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Reviewed By :John
Carlone

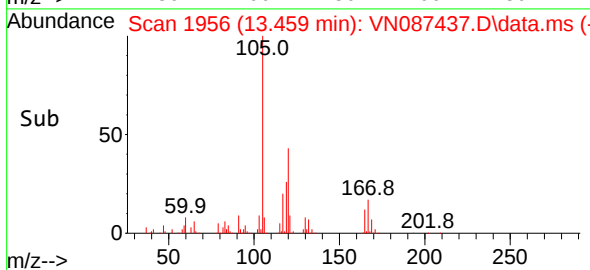
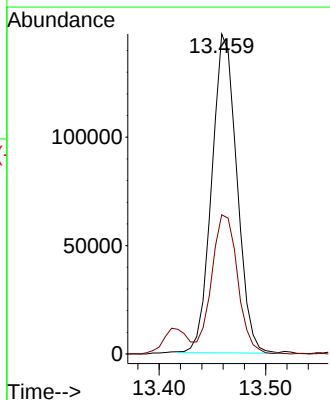
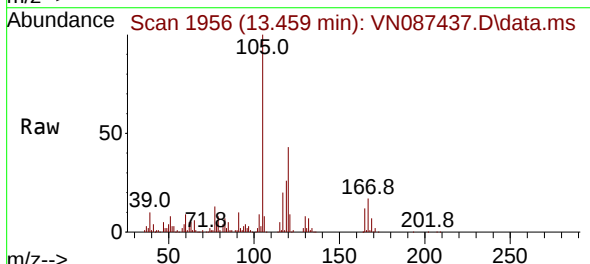
07/31/2025
Supervised By :Mahesh
Dadoda

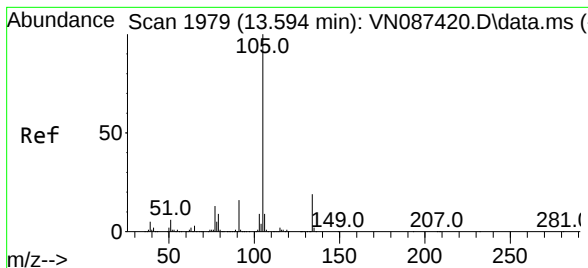
07/31/2025



#80
1,2,4-Trimethylbenzene
Concen: 17.925 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN087437.D
Acq: 30 Jul 2025 09:19

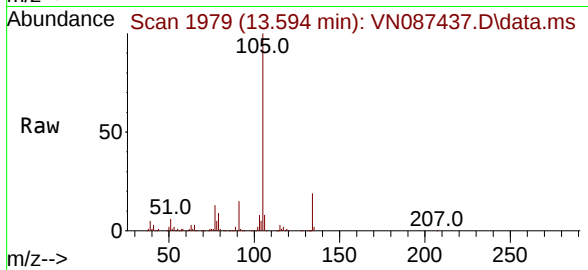
Tgt Ion:105 Resp: 240997
Ion Ratio Lower Upper
105 100
120 44.5 0.0 88.6





#81
 sec-Butylbenzene
 Concen: 17.510 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN087437.D
 Acq: 30 Jul 2025 09:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020



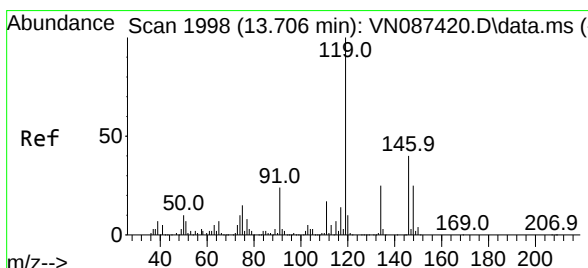
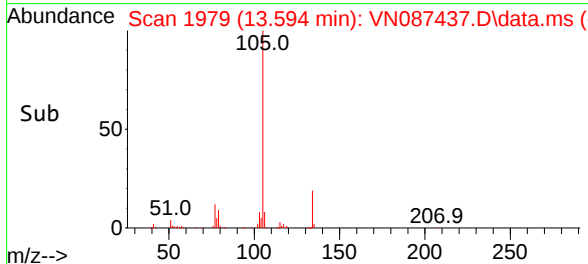
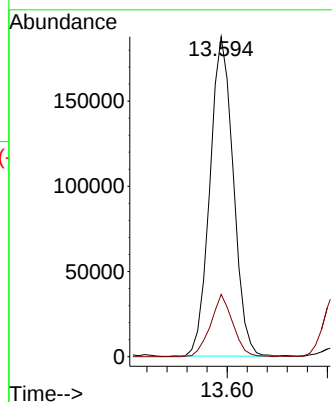
Tgt Ion:105 Resp: 304439
 Ion Ratio Lower Upper
 105 100
 134 18.6 0.0 39.0

Manual Integrations
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Reviewed By :John
 Carlone

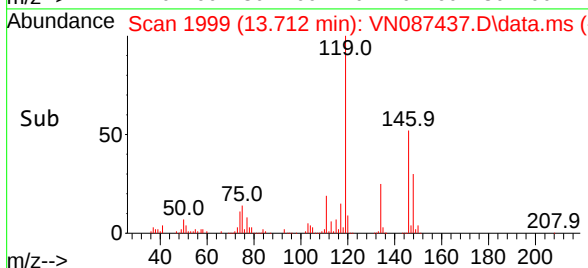
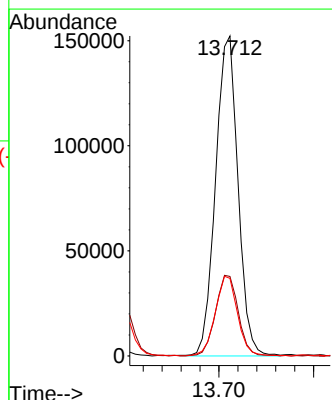
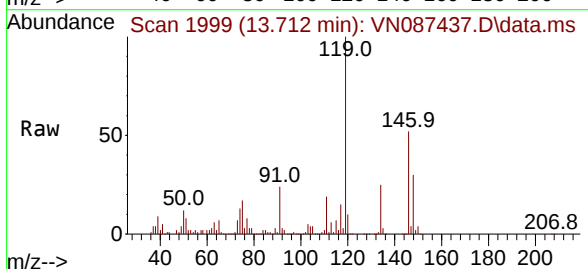
07/31/2025
 Supervised By :Mahesh
 Dadoda

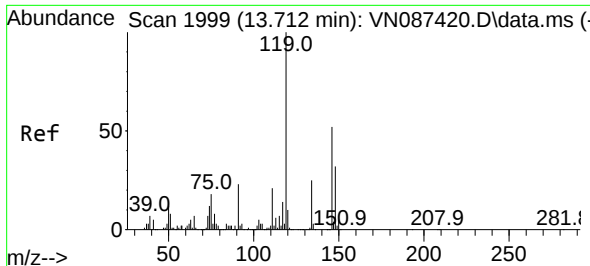
07/31/2025



#82
 p-Isopropyltoluene
 Concen: 17.780 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. 0.006 min
 Lab File: VN087437.D
 Acq: 30 Jul 2025 09:19

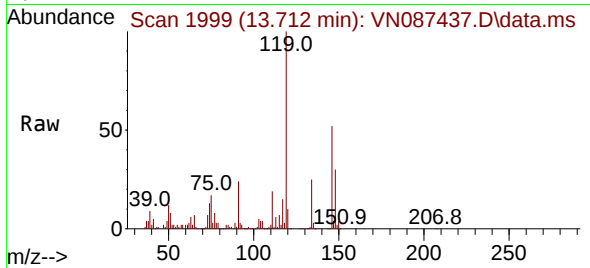
Tgt Ion:119 Resp: 250907
 Ion Ratio Lower Upper
 119 100
 134 25.6 0.0 50.8
 91 24.7 0.0 47.6





#83
1,3-Dichlorobenzene
Concen: 17.817 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN087437.D
Acq: 30 Jul 2025 09:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



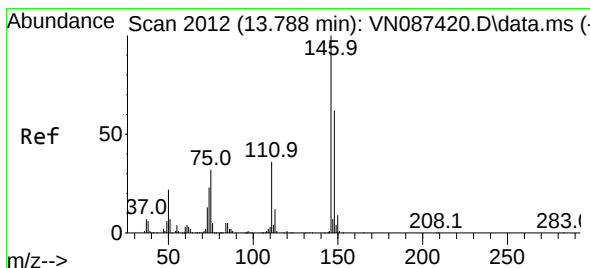
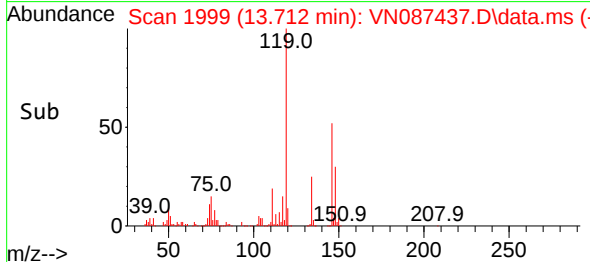
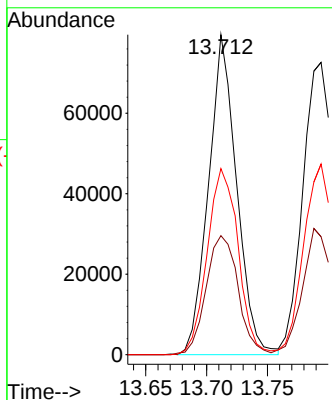
Tgt Ion:146 Resp: 128128
Ion Ratio Lower Upper
146 100
111 42.3 19.9 59.7
148 63.9 31.9 95.5

Manual Integrations
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Reviewed By :John
Carlone

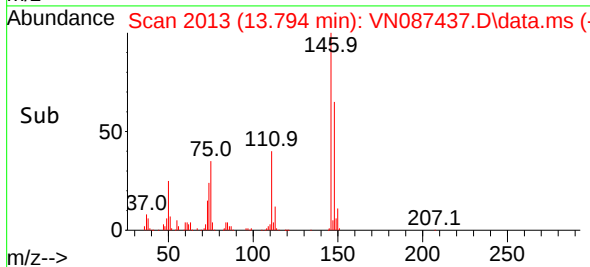
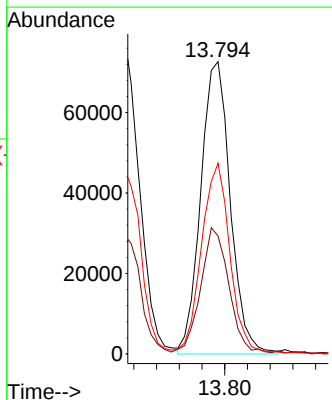
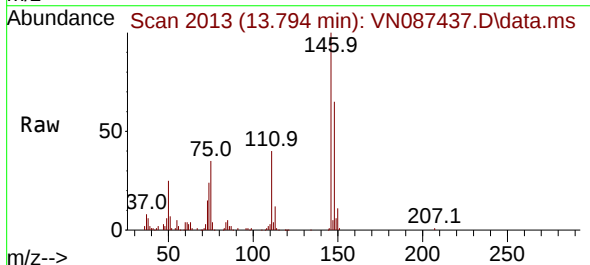
07/31/2025
Supervised By :Mahesh
Dadoda

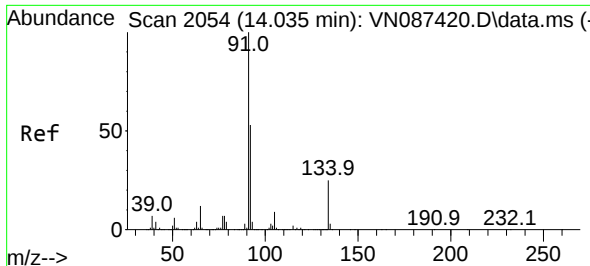
07/31/2025



#84
1,4-Dichlorobenzene
Concen: 17.446 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN087437.D
Acq: 30 Jul 2025 09:19

Tgt Ion:146 Resp: 131201
Ion Ratio Lower Upper
146 100
111 41.5 19.1 57.3
148 62.3 31.4 94.2





#85
n-Butylbenzene
Concen: 17.223 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN087437.D
Acq: 30 Jul 2025 09:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

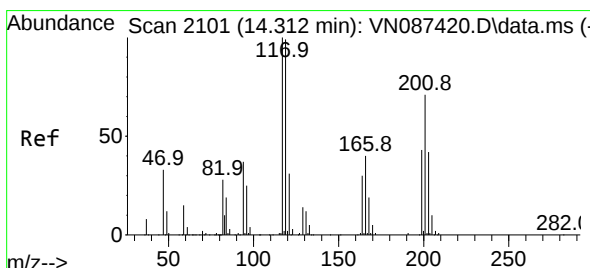
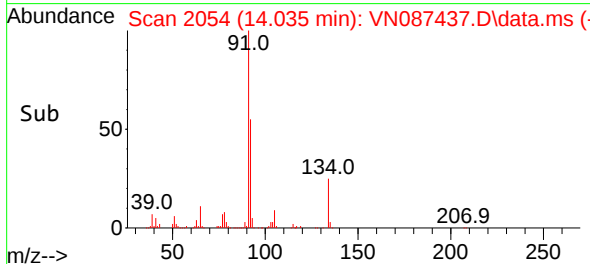
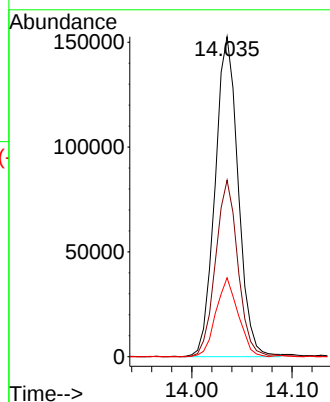
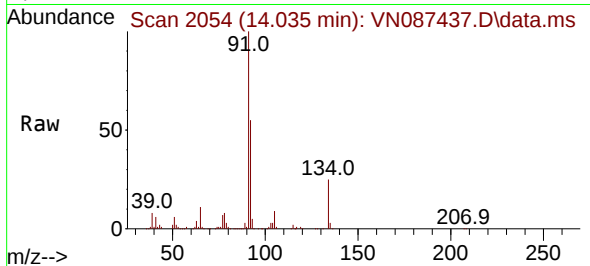
Tgt Ion: 91 Resp: 244788
Ion Ratio Lower Upper
91 100
92 53.5 0.0 104.8
134 23.7 0.0 49.0

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Reviewed By :John
Carlone

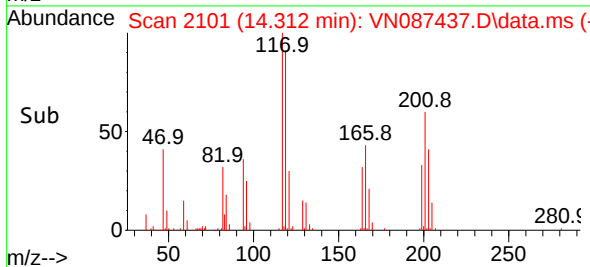
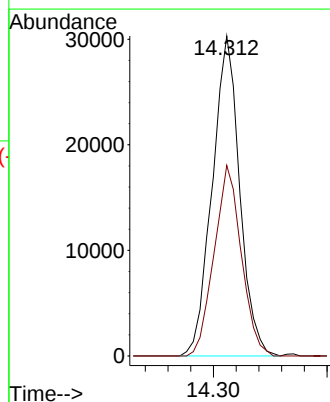
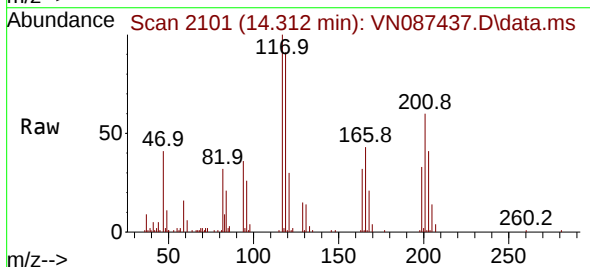
07/31/2025
Supervised By :Mahesh
Dadoda

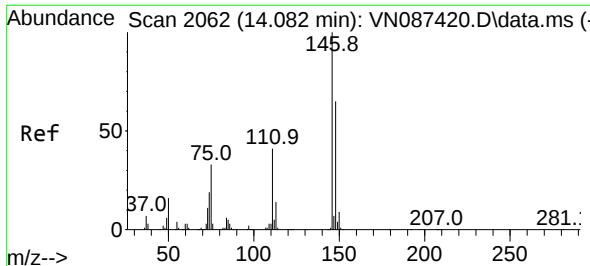
07/31/2025



#86
Hexachloroethane
Concen: 17.727 ug/l
RT: 14.312 min Scan# 2101
Delta R.T. 0.000 min
Lab File: VN087437.D
Acq: 30 Jul 2025 09:19

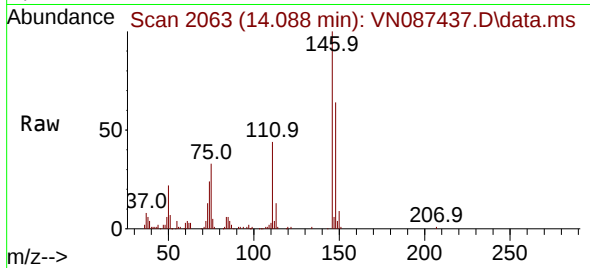
Tgt Ion:117 Resp: 50807
Ion Ratio Lower Upper
117 100
201 58.9 32.7 98.1





#87
1,2-Dichlorobenzene
Concen: 18.353 ug/l
RT: 14.088 min Scan# 2062
Delta R.T. 0.006 min
Lab File: VN087437.D
Acq: 30 Jul 2025 09:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



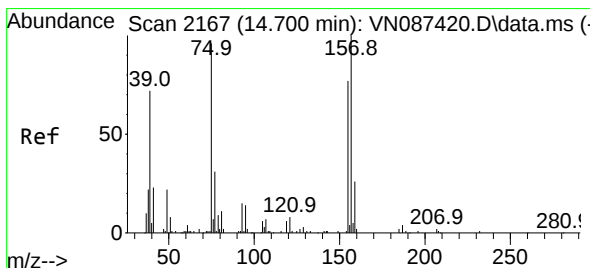
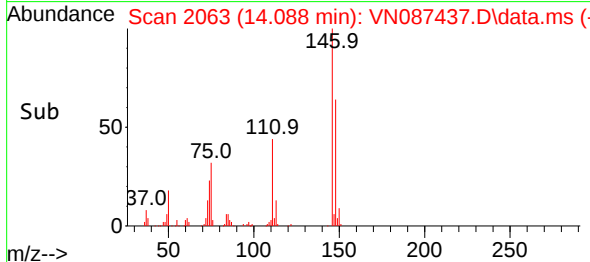
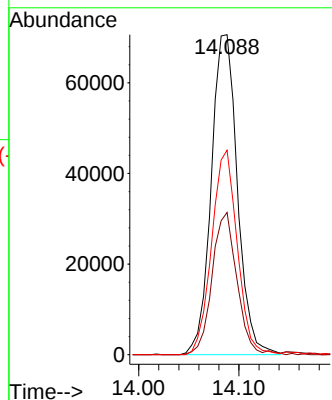
Tgt Ion:146 Resp: 128300
Ion Ratio Lower Upper
146 100
111 41.7 20.6 61.9
148 62.4 32.5 97.5

Manual Integrations
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Reviewed By :John
Carlone

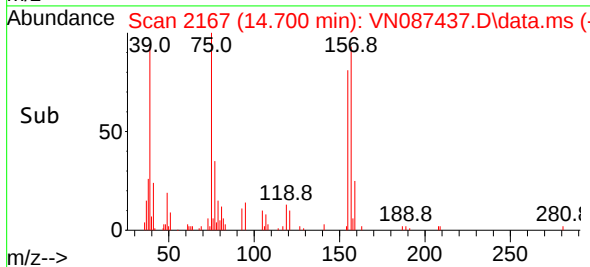
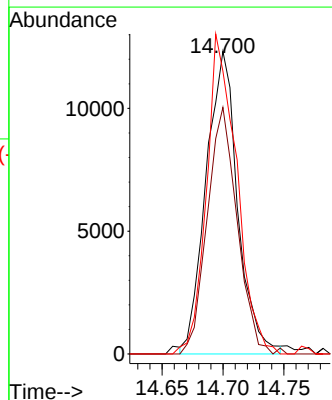
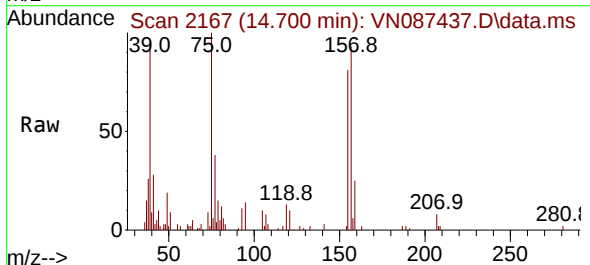
07/31/2025
Supervised By :Mahesh
Dadoda

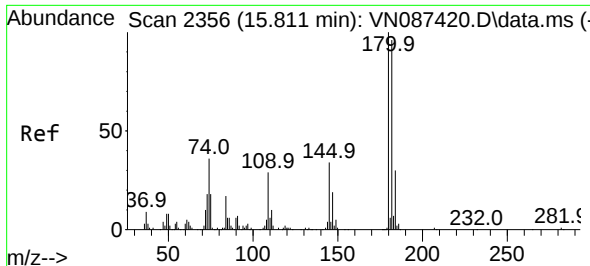
07/31/2025



#88
1,2-Dibromo-3-Chloropropane
Concen: 17.311 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. 0.000 min
Lab File: VN087437.D
Acq: 30 Jul 2025 09:19

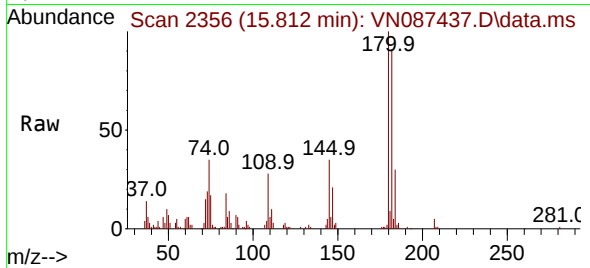
Tgt Ion: 75 Resp: 22283
Ion Ratio Lower Upper
75 100
155 76.9 64.4 96.6
157 100.3 82.3 123.5





#89
1,2,4-Trichlorobenzene
Concen: 16.667 ug/l
RT: 15.812 min Scan# 2106
Delta R.T. 0.000 min
Lab File: VN087437.D
Acq: 30 Jul 2025 09:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



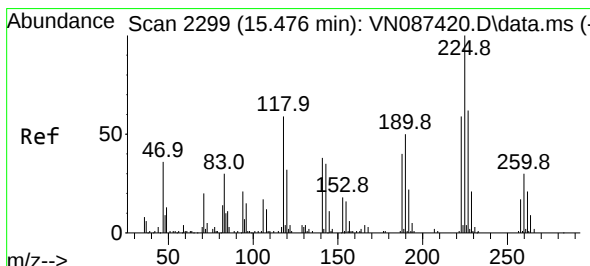
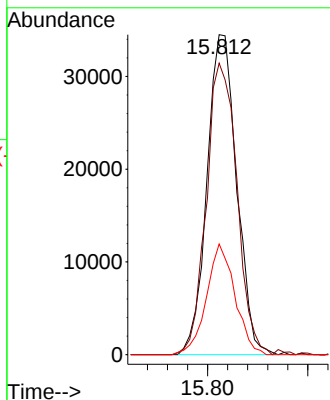
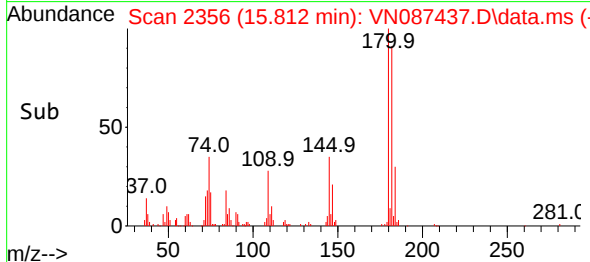
Tgt Ion:180 Resp: 71068
Ion Ratio Lower Upper
180 100
182 93.7 74.7 112.1
145 33.1 27.4 41.2

Manual Integrations
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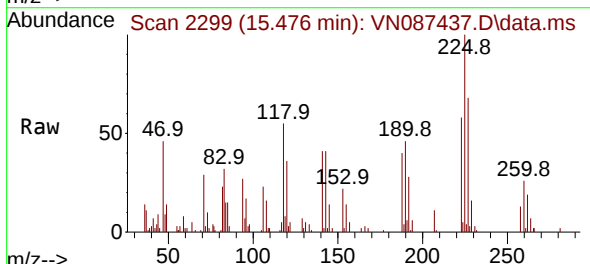
Reviewed By :John
Carlone

07/31/2025
Supervised By :Mahesh
Dadoda

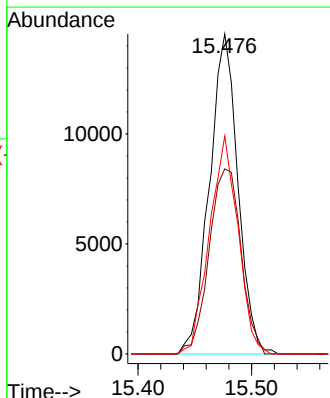
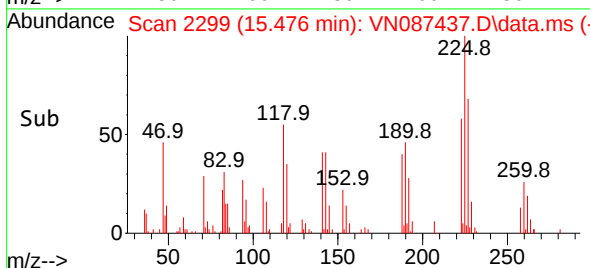
07/31/2025

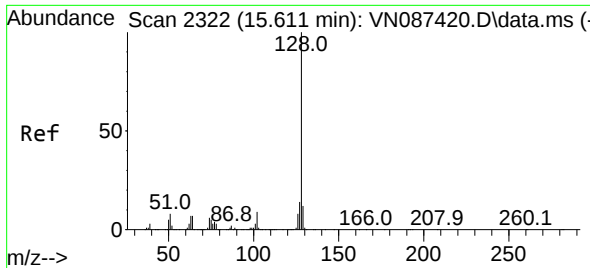


#90
Hexachlorobutadiene
Concen: 15.606 ug/l
RT: 15.476 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VN087437.D
Acq: 30 Jul 2025 09:19



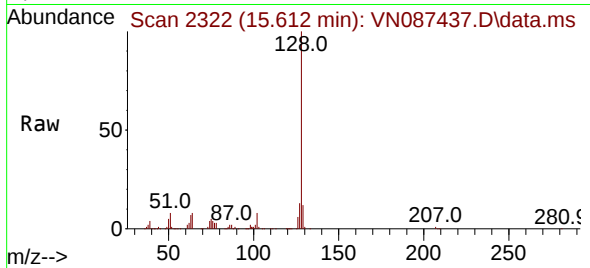
Tgt Ion:225 Resp: 25335
Ion Ratio Lower Upper
225 100
223 64.8 0.0 125.4
227 68.3 0.0 125.0





#91
Naphthalene
Concen: 17.547 ug/l
RT: 15.612 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VN087437.D
Acq: 30 Jul 2025 09:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



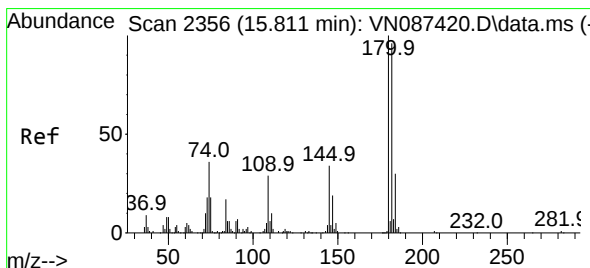
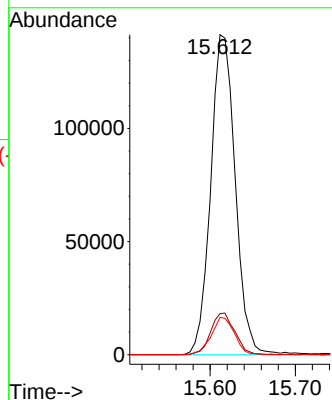
Tgt Ion:128 Resp: 282785
Ion Ratio Lower Upper
128 100
127 12.8 10.7 16.1
129 11.0 9.1 13.7

Manual Integrations
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Reviewed By :John
Carlone

07/31/2025
Supervised By :Mahesh
Dadoda

07/31/2025



#92
1,2,3-Trichlorobenzene
Concen: 16.667 ug/l
RT: 15.812 min Scan# 2356
Delta R.T. 0.000 min
Lab File: VN087437.D
Acq: 30 Jul 2025 09:19

Tgt Ion:180 Resp: 71068
Ion Ratio Lower Upper
180 100
182 93.7 0.0 186.8
145 33.1 0.0 68.6

