

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100825\
 Data File : VN088030.D
 Acq On : 08 Oct 2025 09:34
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Manual Integrations

APPROVED

Reviewed By :John
 Carlone

10/09/2025

Supervised By :Mahesh
 Dadoda

10/10/2025

Quant Time: Oct 09 02:00:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100825W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 09 01:59:51 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.800	128	70500	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.083	114	388491	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	345679	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.565	65	162371	29.577	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	98.600%
60) 4-Bromofluorobenzene	12.829	95	168531	29.574	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	98.567%
63) Toluene-d8	10.547	98	464668	30.170	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.567%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	17512	4.337	ug/l	91
3) Chloromethane	2.383	50	22534	4.922	ug/l	89
4) Vinyl Chloride	2.536	62	23730	4.971	ug/l	100
5) Bromomethane	2.977	94	12182	4.746	ug/l	89
6) Chloroethane	3.136	64	16801	5.336	ug/l	99
7) Trichlorofluoromethane	3.506	101	33130	5.104	ug/l	93
8) Diethyl Ether	3.965	74	15893	5.419	ug/l	56
9) 1,1,2-Trichlorotrifluo...	4.365	101	17744	5.106	ug/l	91
10) 1,1-Dichloroethene	4.336	96	20091	5.420	ug/l	87
11) Methyl Iodide	4.571	142	9178m	2.686	ug/l	
12) Methyl Acetate	5.018	43	31482m	5.370	ug/l	
13) Acrolein	4.171	56	26567	28.489	ug/l #	1
14) Acrylonitrile	5.706	53	74537	25.631	ug/l #	89
15) Acetone	4.418	58	24635m	28.837	ug/l	
16) Carbon Disulfide	4.700	76	60049	5.168	ug/l	97
17) Allyl chloride	5.018	41	38166m	5.456	ug/l	
18) Methylene Chloride	5.271	84	25710m	5.457	ug/l	
19) trans-1,2-Dichloroethene	5.777	96	22235	5.188	ug/l #	91
20) Diisopropyl ether	6.659	45	78511	4.930	ug/l	98
21) 1,1-Dichloroethane	6.553	63	42704	5.151	ug/l	96
22) cis-1,2-Dichloroethene	7.471	96	28117	5.241	ug/l	97
23) tert-Butyl Alcohol	5.524	59	32274	27.671	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	82482	5.155	ug/l	96
25) Chloroform	7.947	83	46137	5.393	ug/l	92
26) Cyclohexane	8.241	56	34857	5.075	ug/l #	98
29) 1,1-Dichloropropene	8.353	75	28652	5.145	ug/l	95
30) 2-Butanone	7.471	43	106757	25.994	ug/l	100
31) 2,2-Dichloropropane	7.471	77	39713m	5.527	ug/l	
32) 1,1,1-Trichloroethane	8.147	97	36518	5.248	ug/l	98
33) Carbon Tetrachloride	8.347	117	29564	5.072	ug/l	93
34) Benzene	8.583	78	96524	5.226	ug/l #	81
35) Methacrylonitrile	7.771	41	22614	5.236	ug/l	95
36) 1,2-Dichloroethane	8.659	62	33473	5.220	ug/l	98
37) Trichloroethene	9.335	130	23203	5.302	ug/l	98
38) Methylcyclohexane	9.583	83	36254	5.272	ug/l	97
39) 1,2-Dichloropropane	9.606	63	24526	5.296	ug/l	97
40) Dibromomethane	9.694	93	17510	5.194	ug/l	96
41) Bromodichloromethane	9.871	83	36971	5.370	ug/l #	97
42) Vinyl Acetate	6.594	43	347500	24.837	ug/l	99

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

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
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Reviewed By :John
 Carlone

10/09/2025
 Supervised By :Mahesh
 Dadoda

Quant Time: Oct 09 02:00:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100825W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 09 01:59:51 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
43) Ethyl Acetate	7.553	43	40587	5.141	ug/l	#	71
44) Isopropyl Acetate	8.677	43	63965	4.961	ug/l		97
45) 1,4-Dioxane	9.683	88	8538	99.555	ug/l	#	91
46) Methyl methacrylate	9.665	41	29344	5.167	ug/l		87
47) n-amyl Acetate	12.965	43	24408m	4.308	ug/l		
48) t-1,3-Dichloropropene	10.818	75	38023	4.966	ug/l		93
49) cis-1,3-Dichloropropene	10.294	75	40685	5.094	ug/l		90
50) 1,1,2-Trichloroethane	10.994	97	23673	5.302	ug/l	#	91
51) Ethyl methacrylate	10.859	69	33154	4.388	ug/l		94
52) 1,3-Dichloropropane	11.141	76	39602	5.084	ug/l		98
53) Dibromochloromethane	11.335	129	26900	5.040	ug/l		100
54) 1,2-Dibromoethane	11.453	107	24696	5.174	ug/l		97
55) 2-Chloroethyl vinyl ether	10.141	63	93982	23.044	ug/l		98
56) Bromoform	12.559	173	17392	4.820	ug/l		92
58) 4-Methyl-2-Pentanone	10.430	43	195537	25.289	ug/l		99
59) 2-Hexanone	11.182	43	103702	20.314	ug/l		99
61) Tetrachloroethene	11.088	164	18609	5.316	ug/l		94
62) Toluene	10.612	91	103446	5.276	ug/l		98
64) Chlorobenzene	11.871	112	64403	5.142	ug/l		92
65) 1,1,1,2-Tetrachloroethane	11.941	131	21997	5.096	ug/l		93
66) Ethyl Benzene	11.941	91	109599	5.140	ug/l		92
67) m/p-Xylenes	12.053	106	83946	10.213	ug/l		100
68) o-Xylene	12.376	106	42988	5.254	ug/l		98
69) Styrene	12.394	104	66556	4.917	ug/l		99
70) Isopropylbenzene	12.676	105	103205	5.146	ug/l		97
71) 1,1,2,2-Tetrachloroethane	12.918	83	35698	5.250	ug/l		100
72) 1,2,3-Trichloropropane	12.976	75	33421m	5.064	ug/l		
73) Bromobenzene	12.959	156	24839	5.068	ug/l		99
74) n-propylbenzene	13.018	91	120356	4.971	ug/l		100
75) 2-Chlorotoluene	13.106	91	74825	5.055	ug/l		98
76) 1,3,5-Trimethylbenzene	13.153	105	87631	5.144	ug/l		97
77) t-1,4-Dichloro-2-butene	12.723	75	11665m	4.776	ug/l		
78) 4-Chlorotoluene	13.206	91	72267	4.805	ug/l		100
79) tert-butylbenzene	13.418	119	74615	5.053	ug/l		97
80) 1,2,4-Trimethylbenzene	13.459	105	86692	5.084	ug/l		99
81) sec-Butylbenzene	13.594	105	106110	5.111	ug/l		100
82) p-Isopropyltoluene	13.712	119	91611	5.168	ug/l		98
83) 1,3-Dichlorobenzene	13.712	146	46688	5.062	ug/l		97
84) 1,4-Dichlorobenzene	13.794	146	49265	5.180	ug/l		99
85) n-Butylbenzene	14.035	91	82683	5.013	ug/l		99
86) Hexachloroethane	14.306	117	18772	5.286	ug/l		91
87) 1,2-Dichlorobenzene	14.088	146	47327	5.217	ug/l		98
88) 1,2-Dibromo-3-Chloropr...	14.694	75	7710	4.938	ug/l		95
89) 1,2,4-Trichlorobenzene	15.817	180	26899	4.978	ug/l		92
90) Hexachlorobutadiene	15.470	225	10187	5.417	ug/l		96
91) Naphthalene	15.617	128	97405	4.924	ug/l		98
92) 1,2,3-Trichlorobenzene	15.817	180	26899	4.978	ug/l		92

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

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Acq On : 08 Oct 2025 09:34
Operator : JC\MD
Sample : VSTDIC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

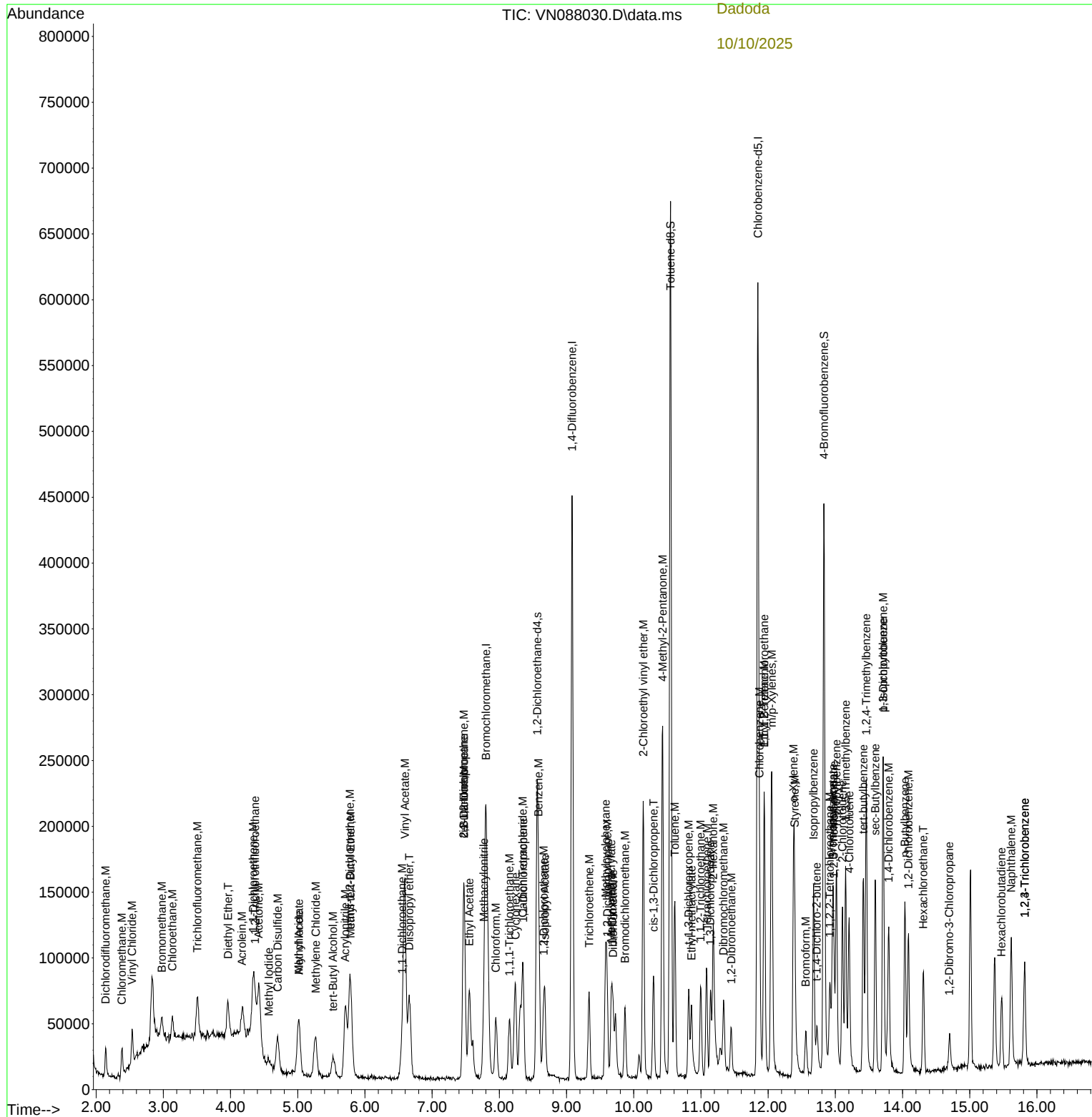
Manual Integrations
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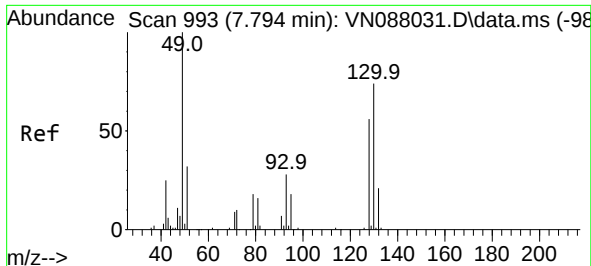
Reviewed By :John
Carlone

10/09/2025
Supervised By :Mahesh
Dadoda

10/10/2025

Quant Time: Oct 09 02:00:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100825W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Oct 09 01:59:51 2025
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 993
Delta R.T. 0.006 min
Lab File: VN088030.D
Acq: 08 Oct 2025 09:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

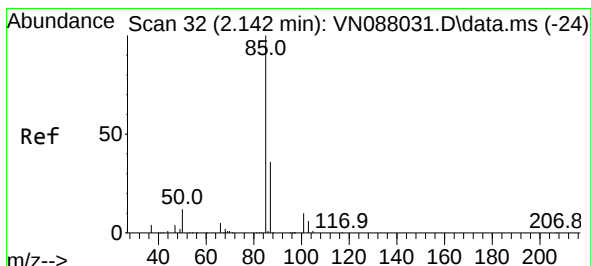
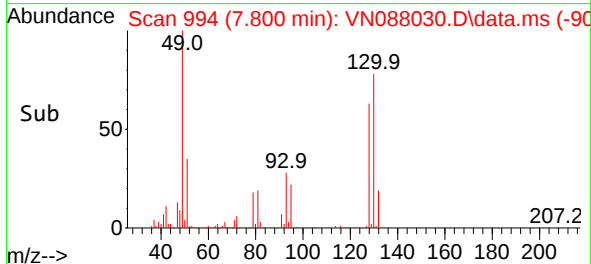
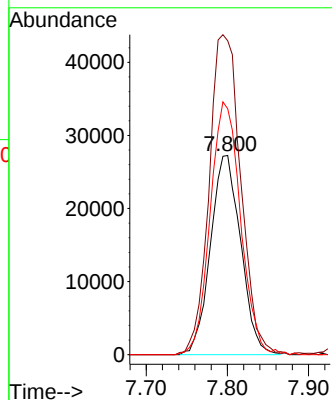
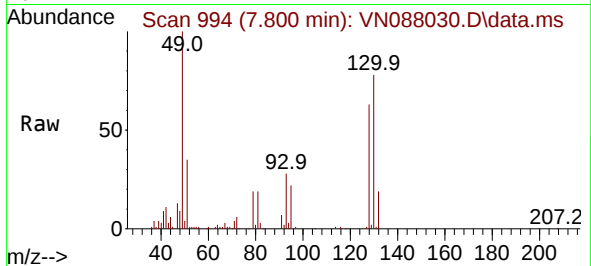
Tgt Ion:128 Resp: 70500
Ion Ratio Lower Upper
128 100
49 168.1 0.0 439.8
130 127.2 0.0 325.8

Manual Integrations
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Reviewed By :John
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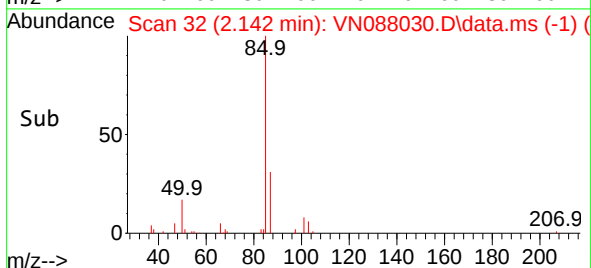
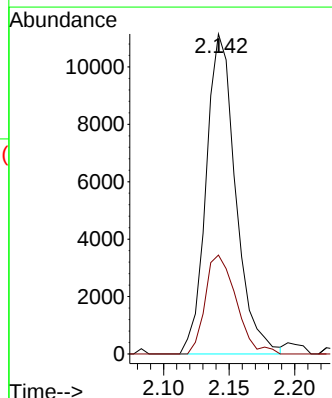
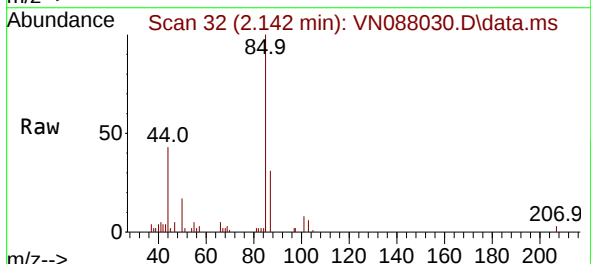
10/09/2025
Supervised By :Mahesh
Dadoda

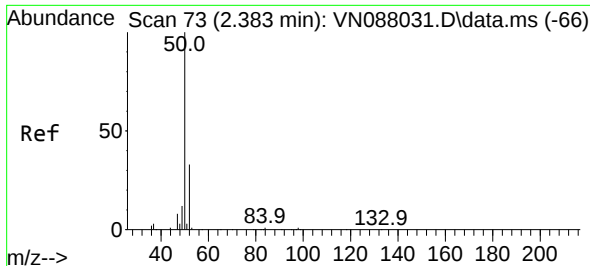
10/10/2025



#2
Dichlorodifluoromethane
Concen: 4.337 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN088030.D
Acq: 08 Oct 2025 09:34

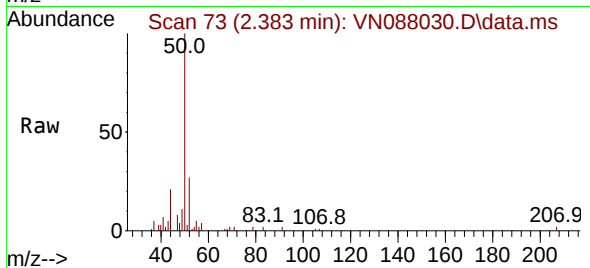
Tgt Ion: 85 Resp: 17512
Ion Ratio Lower Upper
85 100
87 30.9 17.9 53.8





#3
Chloromethane
Concen: 4.922 ug/l
RT: 2.383 min Scan# 73
Delta R.T. 0.000 min
Lab File: VN088030.D
Acq: 08 Oct 2025 09:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



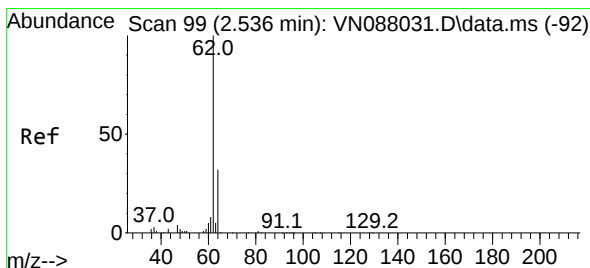
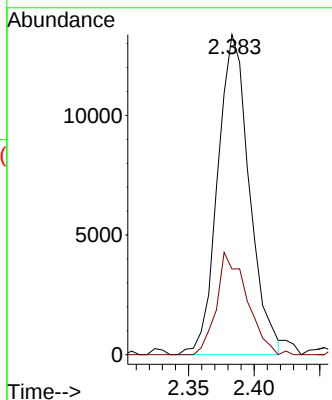
Tgt Ion: 50 Resp: 22534
Ion Ratio Lower Upper
50 100
52 26.8 26.3 39.5

Manual Integrations
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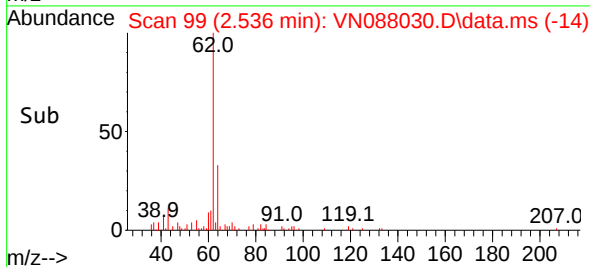
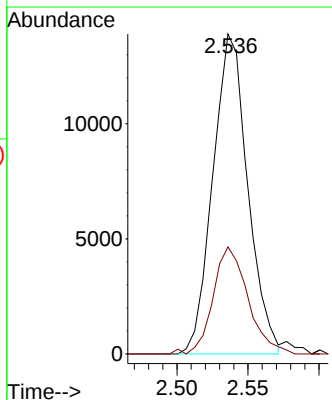
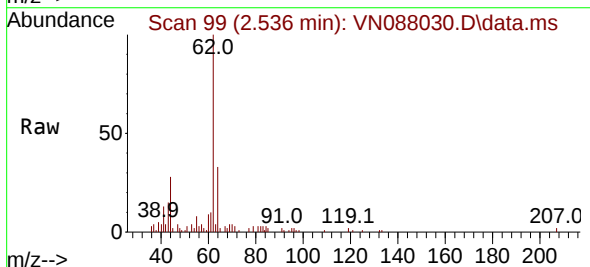
10/09/2025
Supervised By :Mahesh
Dadoda

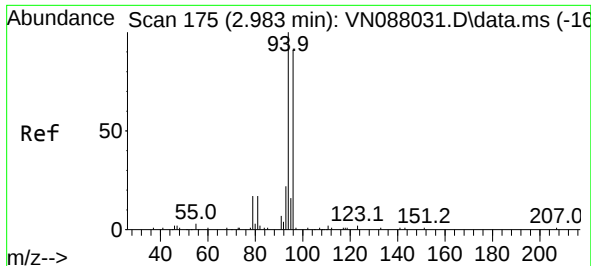
10/10/2025



#4
Vinyl Chloride
Concen: 4.971 ug/l
RT: 2.536 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN088030.D
Acq: 08 Oct 2025 09:34

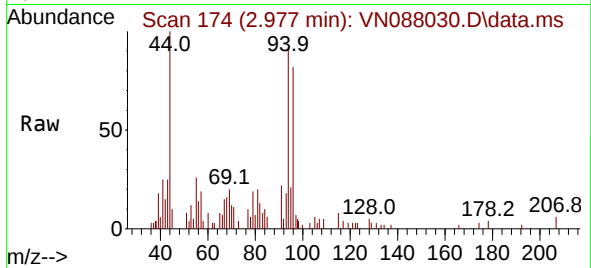
Tgt Ion: 62 Resp: 23730
Ion Ratio Lower Upper
62 100
64 31.9 25.7 38.5





#5
Bromomethane
Concen: 4.746 ug/l
RT: 2.977 min Scan# 174
Delta R.T. -0.006 min
Lab File: VN088030.D
Acq: 08 Oct 2025 09:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



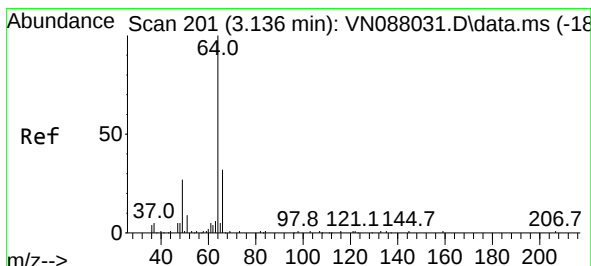
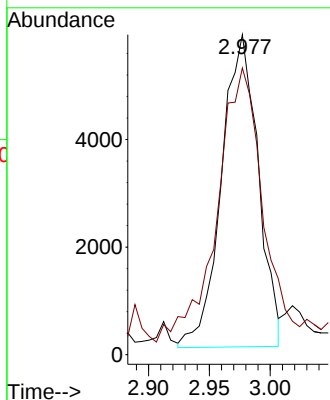
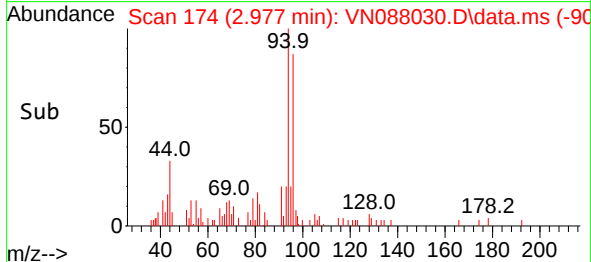
Tgt Ion: 94 Resp: 1218
Ion Ratio Lower Upper
94 100
96 80.5 73.0 109.4

Manual Integrations
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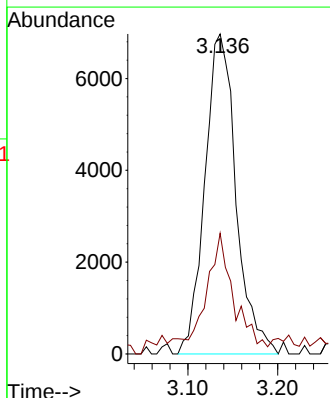
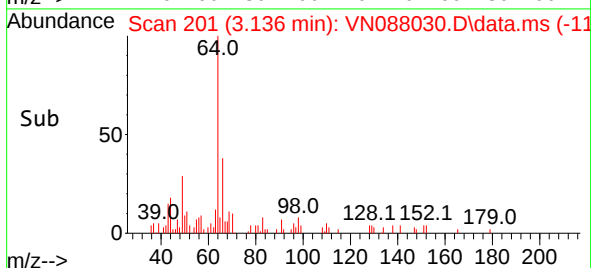
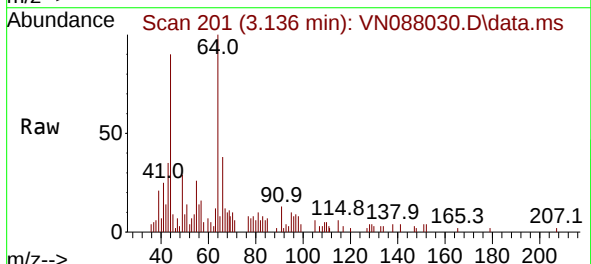
10/09/2025
Supervised By :Mahesh
Dadoda

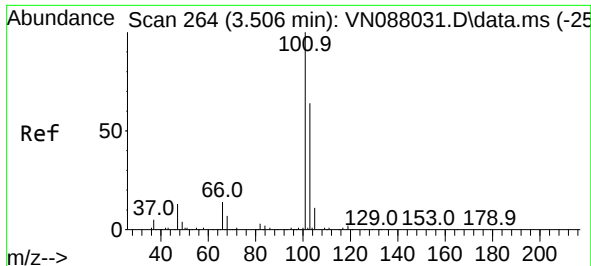
10/10/2025



#6
Chloroethane
Concen: 5.336 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.000 min
Lab File: VN088030.D
Acq: 08 Oct 2025 09:34

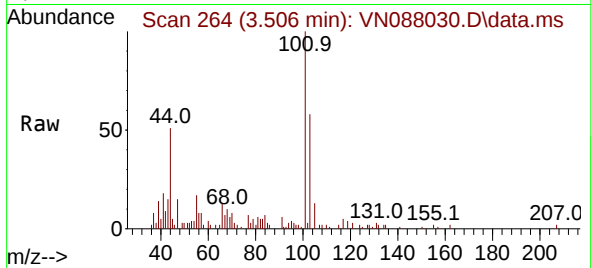
Tgt Ion: 64 Resp: 16801
Ion Ratio Lower Upper
64 100
66 33.0 26.8 40.2





#7
Trichlorofluoromethane
Concen: 5.104 ug/l
RT: 3.506 min Scan# 264
Delta R.T. 0.000 min
Lab File: VN088030.D
Acq: 08 Oct 2025 09:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



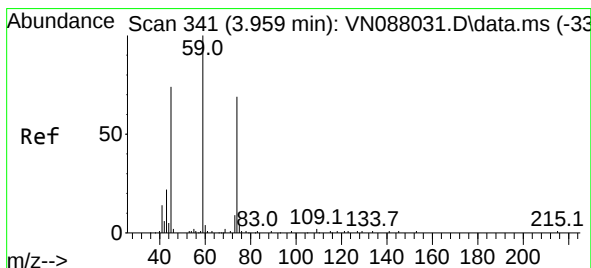
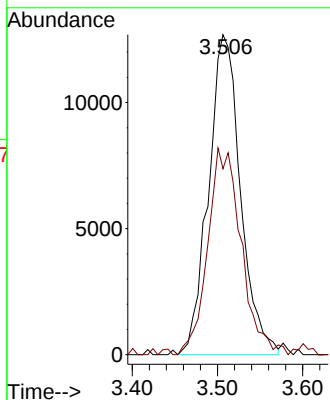
Tgt Ion:101 Resp: 33130
Ion Ratio Lower Upper
101 100
103 58.1 51.0 76.4

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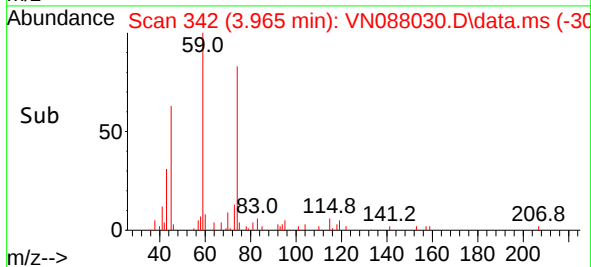
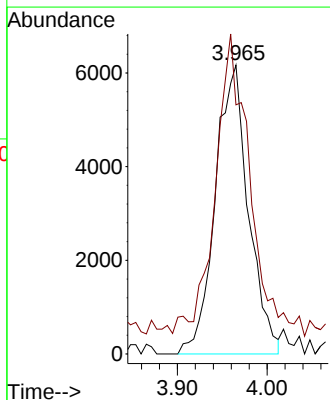
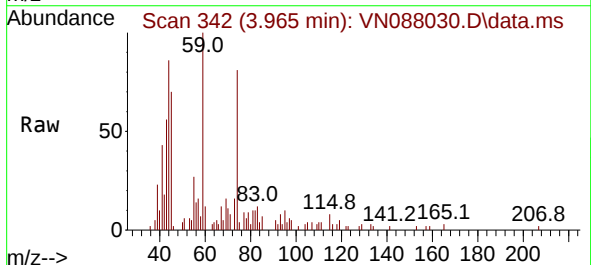
10/09/2025
Supervised By :Mahesh
Dadoda

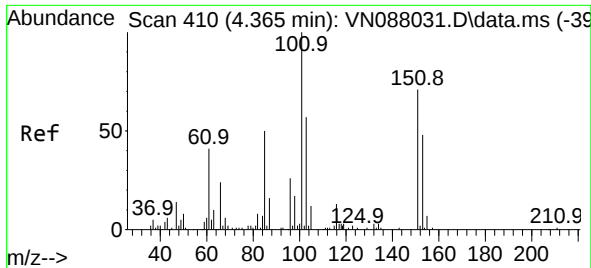
10/10/2025



#8
Diethyl Ether
Concen: 5.419 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.006 min
Lab File: VN088030.D
Acq: 08 Oct 2025 09:34

Tgt Ion: 74 Resp: 15893
Ion Ratio Lower Upper
74 100
45 57.6 20.4 183.8





#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 5.106 ug/l
 RT: 4.365 min Scan# 410
 Delta R.T. 0.000 min
 Lab File: VN088030.D
 Acq: 08 Oct 2025 09:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

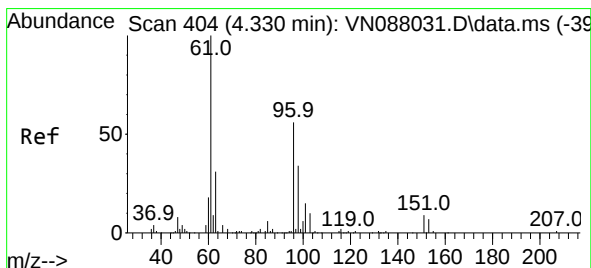
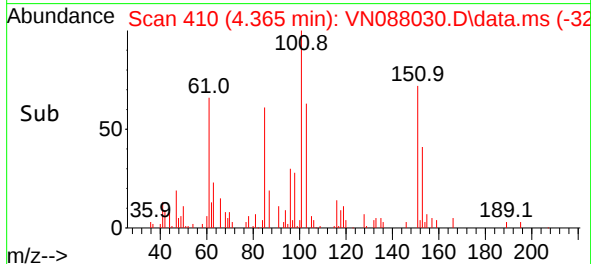
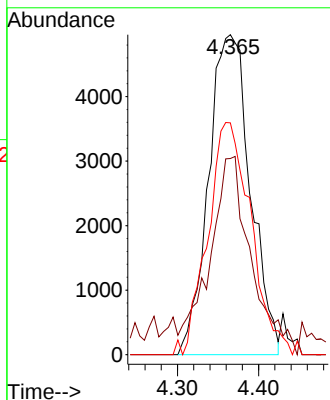
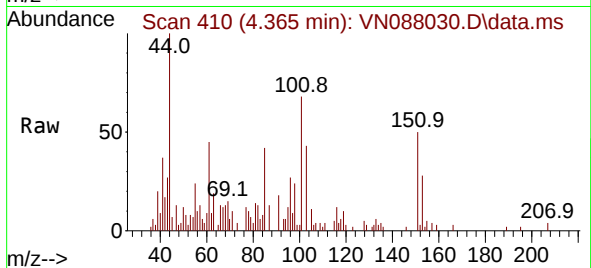
Tgt Ion:101 Resp: 1774
 Ion Ratio Lower Upper
 101 100
 85 61.7 0.0 103.2
 151 74.4 0.0 141.4

Manual Integrations
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Reviewed By :John
 Carlone

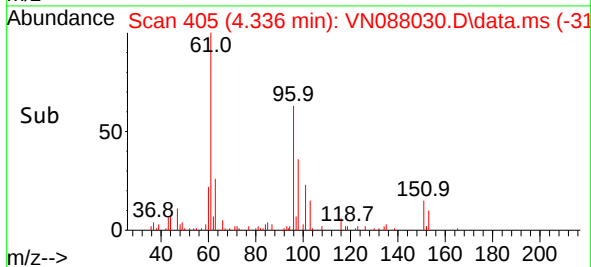
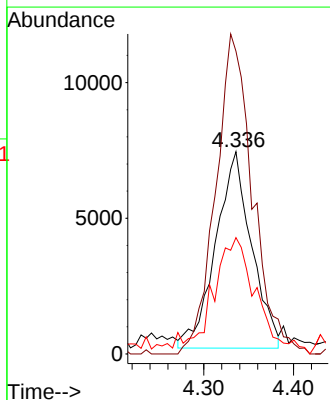
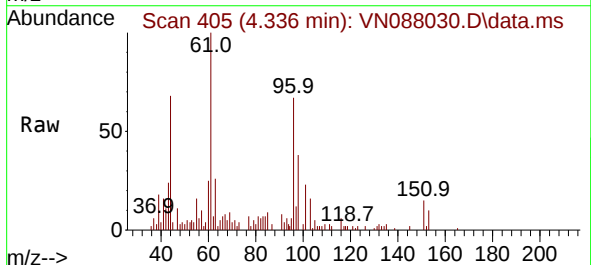
10/09/2025
 Supervised By :Mahesh
 Dadoda

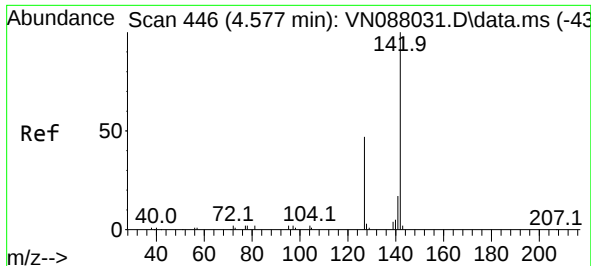
10/10/2025



#10
 1,1-Dichloroethene
 Concen: 5.420 ug/l
 RT: 4.336 min Scan# 405
 Delta R.T. 0.006 min
 Lab File: VN088030.D
 Acq: 08 Oct 2025 09:34

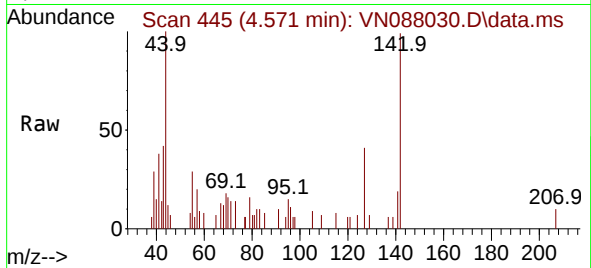
Tgt Ion: 96 Resp: 20091
 Ion Ratio Lower Upper
 96 100
 61 160.4 144.1 216.1
 98 53.7 49.0 73.6





#11
Methyl Iodide
Concen: 2.686 ug/l m
RT: 4.571 min Scan# 446
Delta R.T. -0.006 min
Lab File: VN088030.D
Acq: 08 Oct 2025 09:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



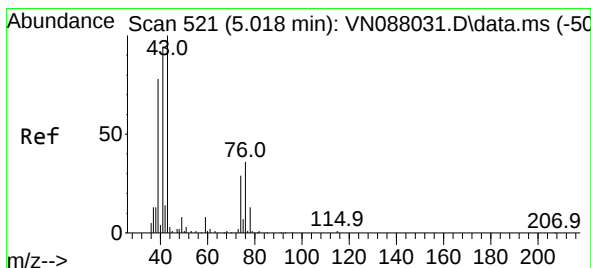
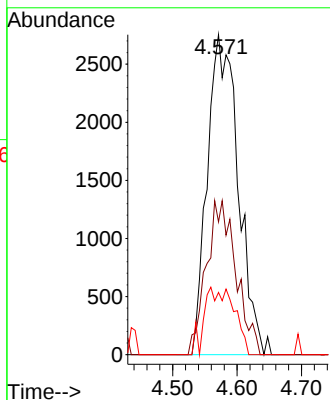
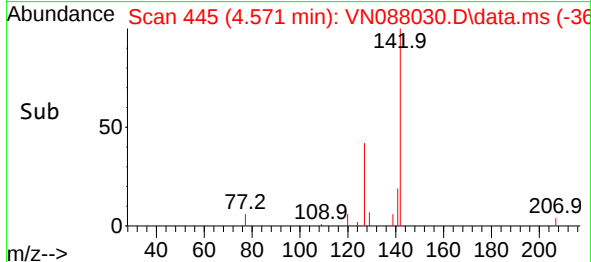
Tgt Ion:142 Resp: 9178
Ion Ratio Lower Upper
142 100
127 41.5 23.4 70.3
141 19.4 8.8 26.2

Manual Integrations
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Reviewed By :John
Carlone

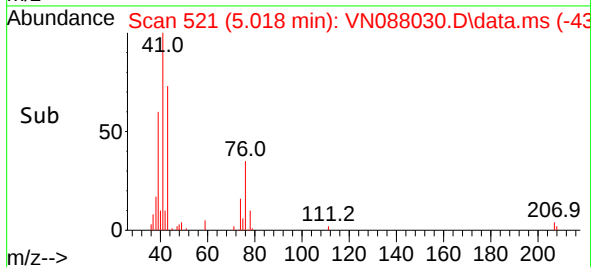
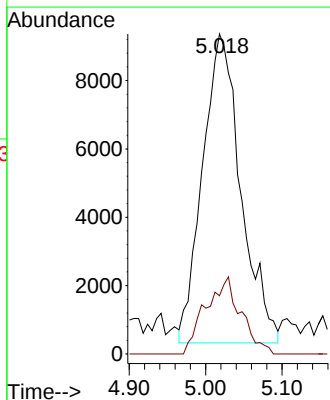
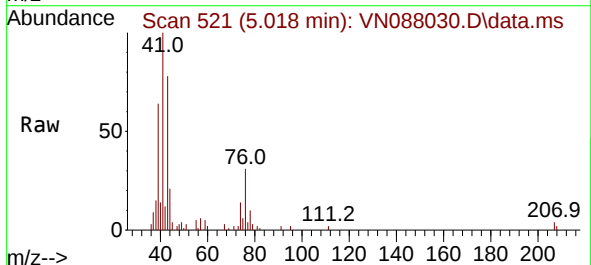
10/09/2025
Supervised By :Mahesh
Dadoda

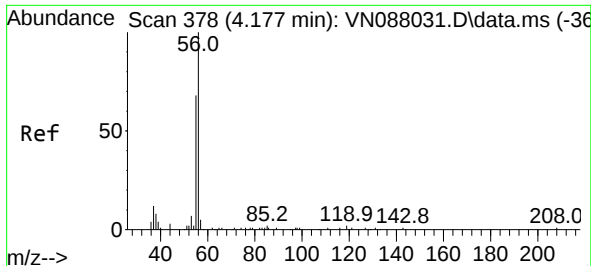
10/10/2025



#12
Methyl Acetate
Concen: 5.370 ug/l m
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN088030.D
Acq: 08 Oct 2025 09:34

Tgt Ion: 43 Resp: 31482
Ion Ratio Lower Upper
43 100
74 18.2 23.3 34.9#





#13

Acrolein

Concen: 28.489 ug/l

RT: 4.171 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN088030.D

Acq: 08 Oct 2025 09:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 56 Resp: 2656

Ion Ratio Lower Upper

56 100

55 80.4 0.3 0.5

Manual Integrations

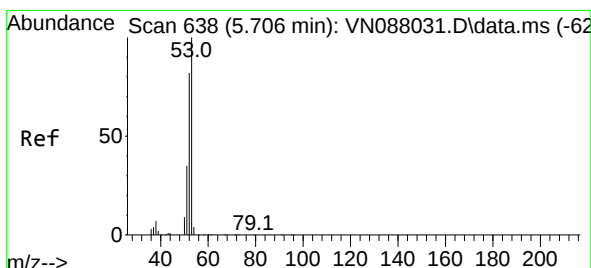
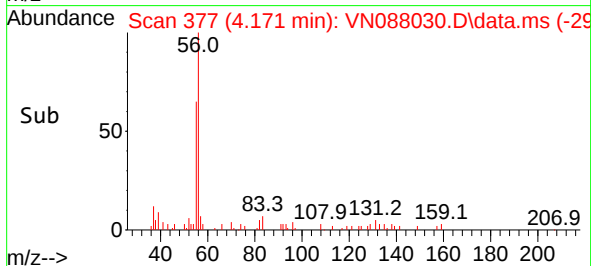
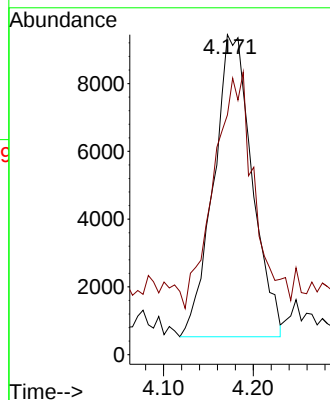
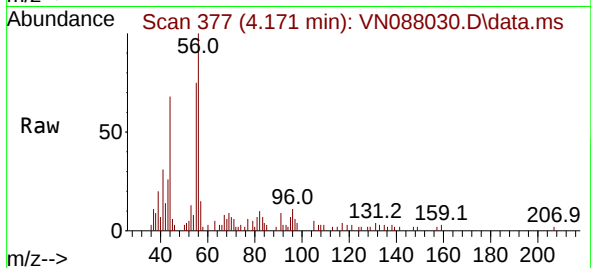
APPROVED

Reviewed By :John
Carlone

10/09/2025

Supervised By :Mahesh
Dadoda

10/10/2025



#14

Acrylonitrile

Concen: 25.631 ug/l

RT: 5.706 min Scan# 638

Delta R.T. 0.000 min

Lab File: VN088030.D

Acq: 08 Oct 2025 09:34

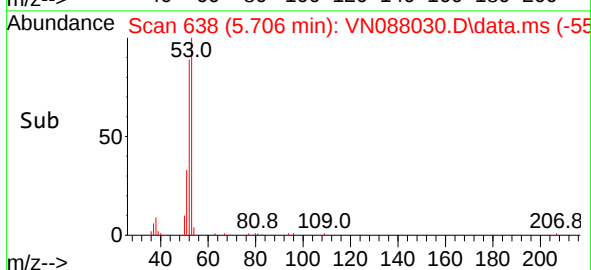
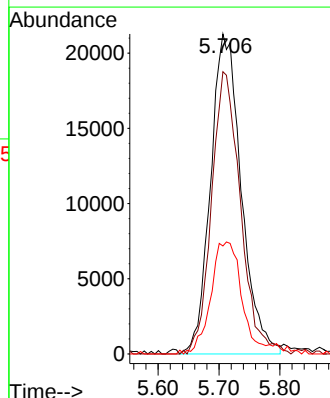
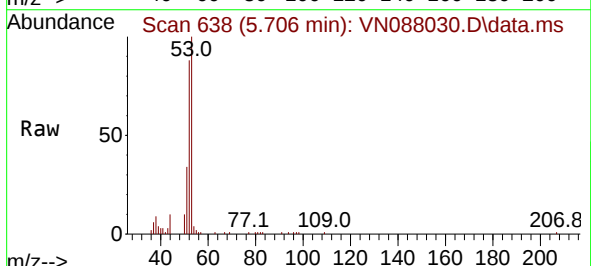
Tgt Ion: 53 Resp: 74537

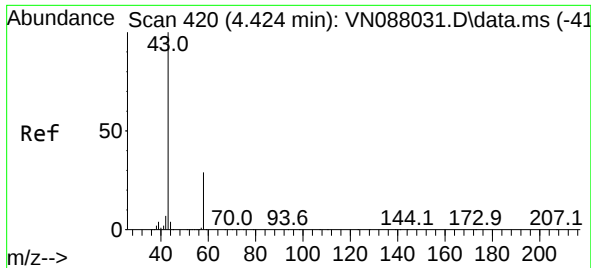
Ion Ratio Lower Upper

53 100

52 81.8 41.3 124.1

51 15.7 18.0 54.0





#15

Acetone

Concen: 28.837 ug/l m

RT: 4.418 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN088030.D

Acq: 08 Oct 2025 09:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 58 Resp: 2463

Ion Ratio Lower Upper

58 100

43 302.1 282.6 424.0

Manual Integrations

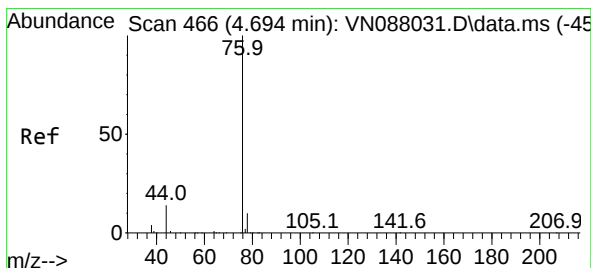
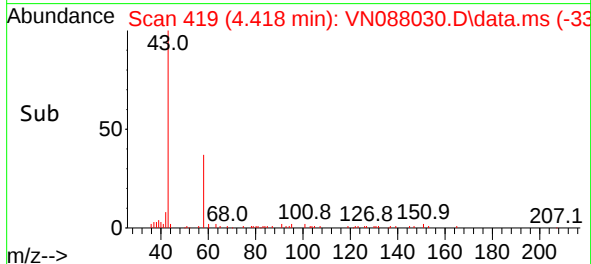
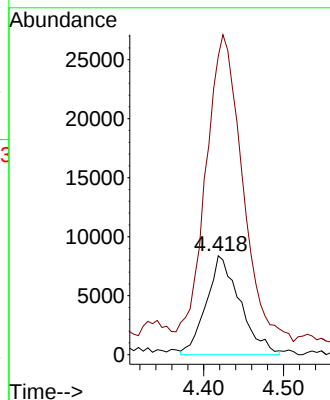
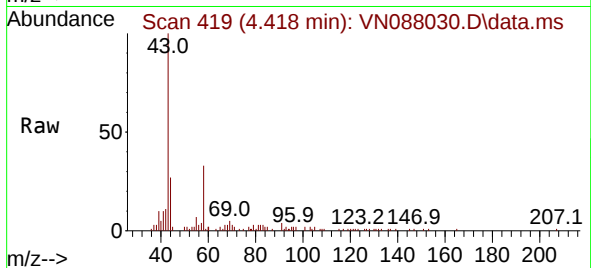
APPROVED

Reviewed By :John
Carlone

10/09/2025

Supervised By :Mahesh
Dadoda

10/10/2025



#16

Carbon Disulfide

Concen: 5.168 ug/l

RT: 4.700 min Scan# 467

Delta R.T. 0.006 min

Lab File: VN088030.D

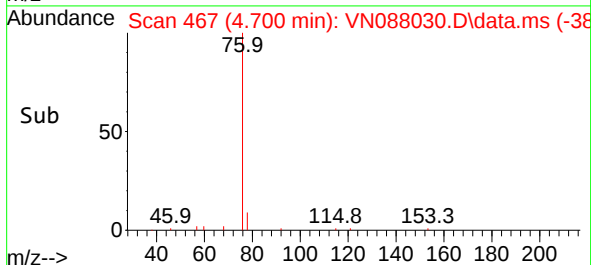
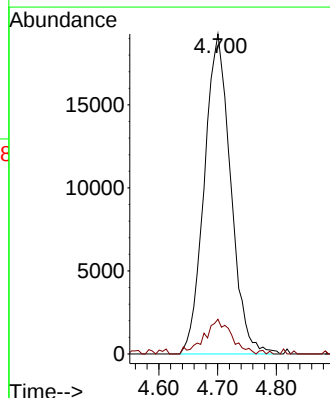
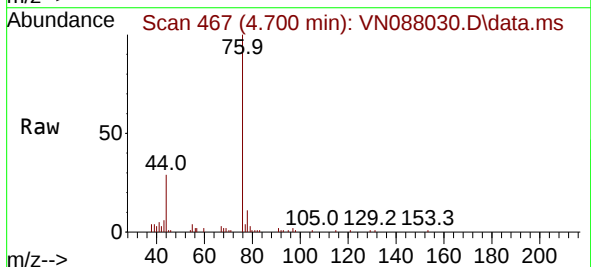
Acq: 08 Oct 2025 09:34

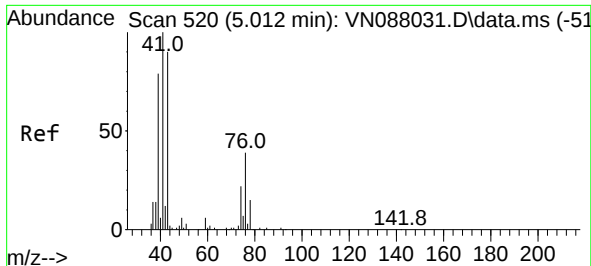
Tgt Ion: 76 Resp: 60049

Ion Ratio Lower Upper

76 100

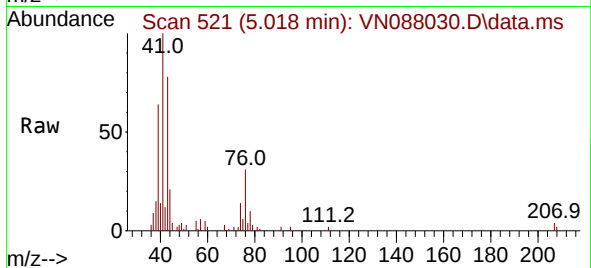
78 10.8 7.8 11.8





#17
 Allyl chloride
 Concen: 5.456 ug/l m
 RT: 5.018 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN088030.D
 Acq: 08 Oct 2025 09:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



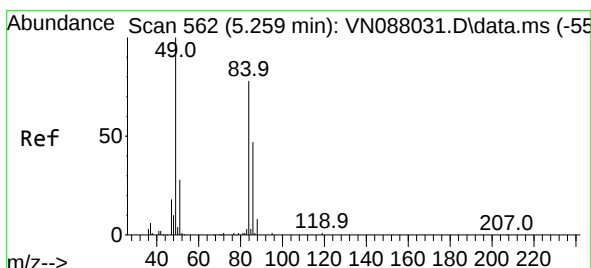
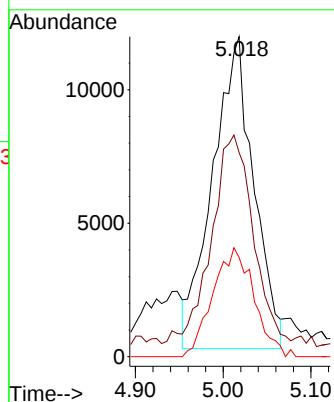
Tgt Ion: 41 Resp: 3816
 Ion Ratio Lower Upper
 41 100
 39 63.8 36.4 109.2
 76 31.1 18.1 54.1

Manual Integrations
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Reviewed By :John
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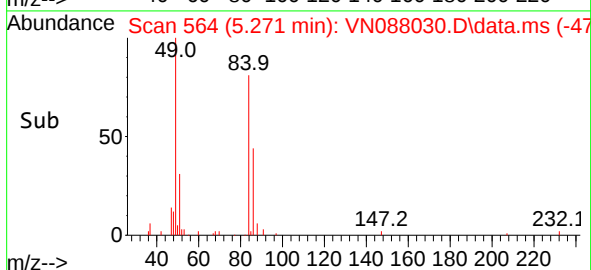
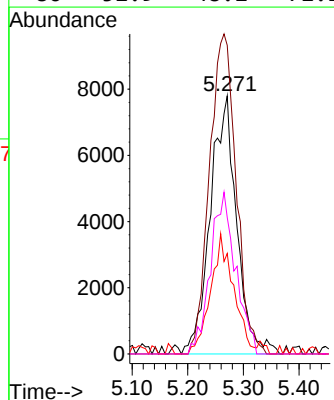
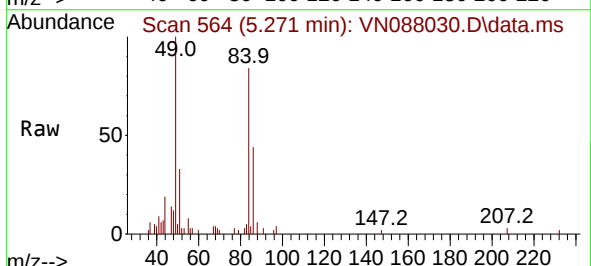
10/09/2025
 Supervised By :Mahesh
 Dadoda

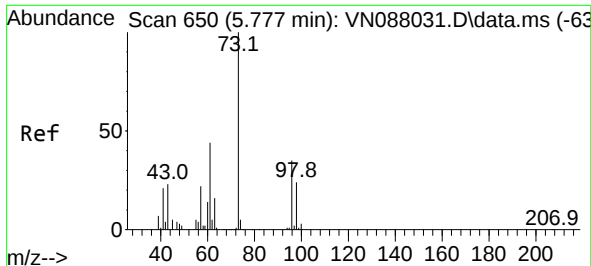
10/10/2025



#18
 Methylene Chloride
 Concen: 5.457 ug/l m
 RT: 5.271 min Scan# 564
 Delta R.T. 0.012 min
 Lab File: VN088030.D
 Acq: 08 Oct 2025 09:34

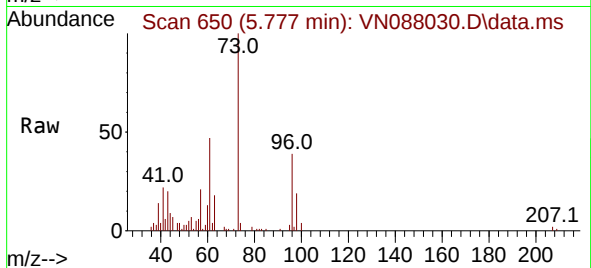
Tgt Ion: 84 Resp: 25710
 Ion Ratio Lower Upper
 84 100
 49 119.6 102.6 153.8
 51 38.9 28.6 42.8
 86 52.9 48.2 72.2





#19
trans-1,2-Dichloroethene
Concen: 5.188 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN088030.D
Acq: 08 Oct 2025 09:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



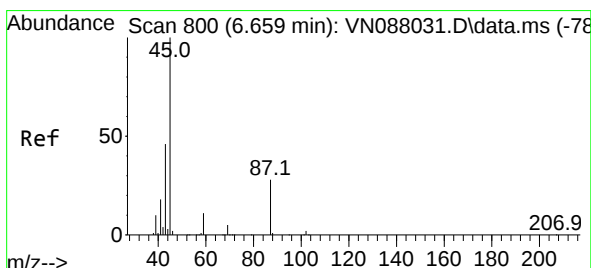
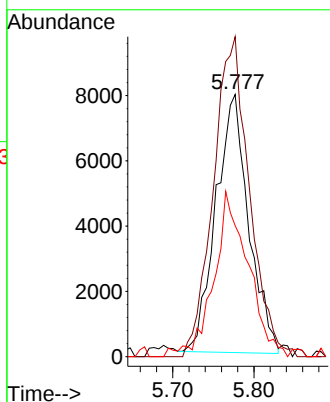
Tgt Ion: 96 Resp: 2223
Ion Ratio Lower Upper
96 100
61 124.5 100.6 151.0
98 48.8 54.0 81.0

Manual Integrations
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Reviewed By :John
Carlone

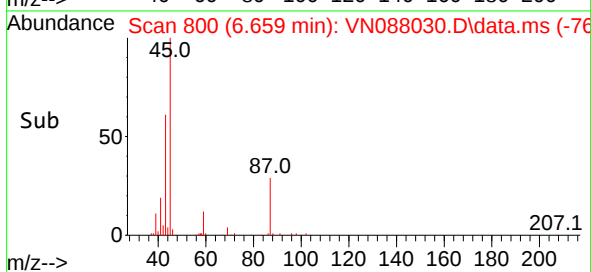
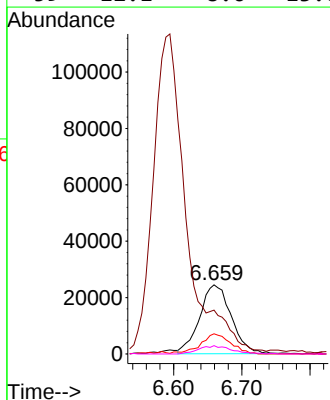
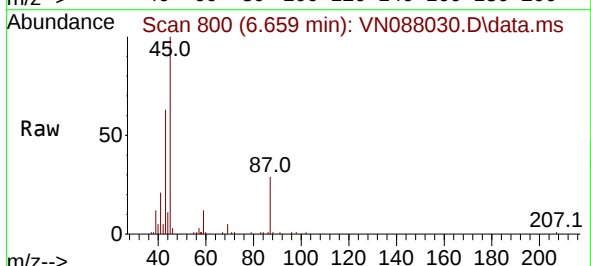
10/09/2025
Supervised By :Mahesh
Dadoda

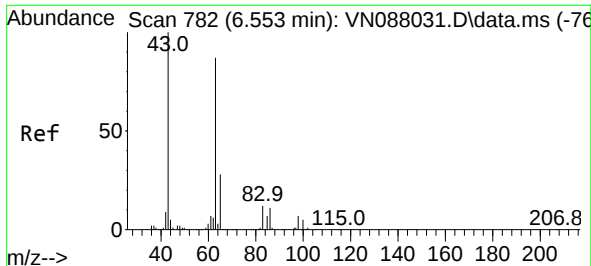
10/10/2025



#20
Diisopropyl ether
Concen: 4.930 ug/l
RT: 6.659 min Scan# 800
Delta R.T. 0.000 min
Lab File: VN088030.D
Acq: 08 Oct 2025 09:34

Tgt Ion: 45 Resp: 78511
Ion Ratio Lower Upper
45 100
43 58.4 46.1 69.1
87 29.4 22.3 33.5
59 12.1 8.6 13.0





#21
1,1-Dichloroethane
Concen: 5.151 ug/l
RT: 6.553 min Scan# 782
Delta R.T. 0.000 min
Lab File: VN088030.D
Acq: 08 Oct 2025 09:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

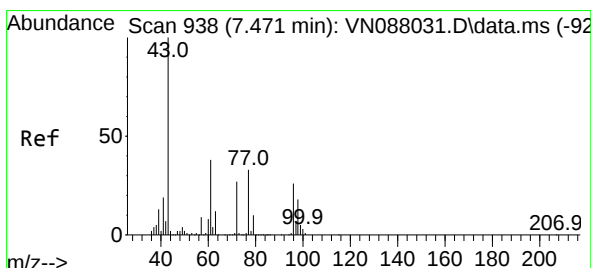
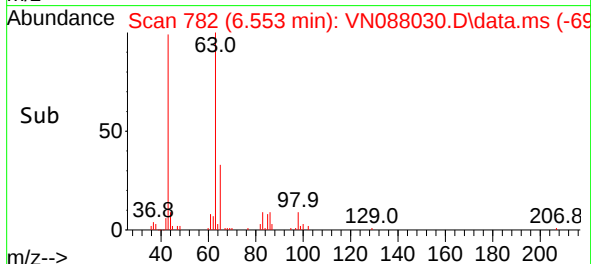
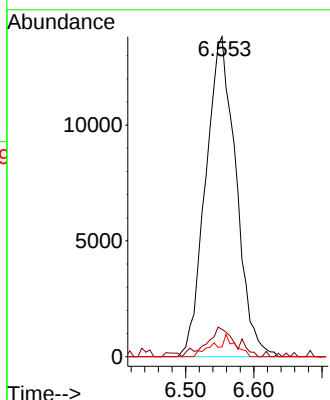
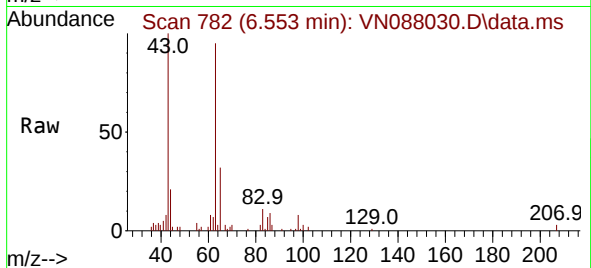
Tgt Ion: 63 Resp: 42704
Ion Ratio Lower Upper
63 100
98 7.5 4.3 12.8
100 3.0 2.6 8.0

Manual Integrations
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Reviewed By :John
Carlone

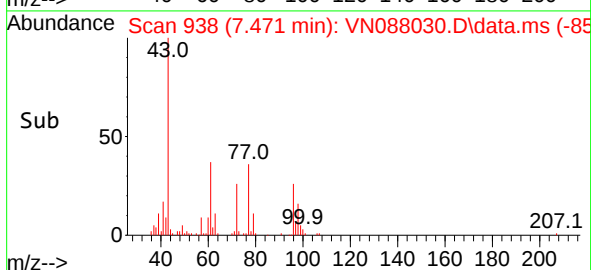
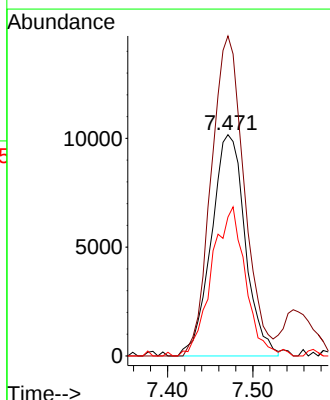
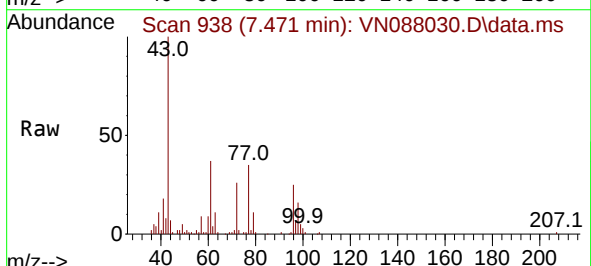
10/09/2025
Supervised By :Mahesh
Dadoda

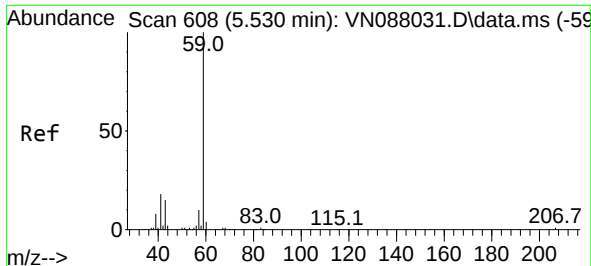
10/10/2025



#22
cis-1,2-Dichloroethene
Concen: 5.241 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN088030.D
Acq: 08 Oct 2025 09:34

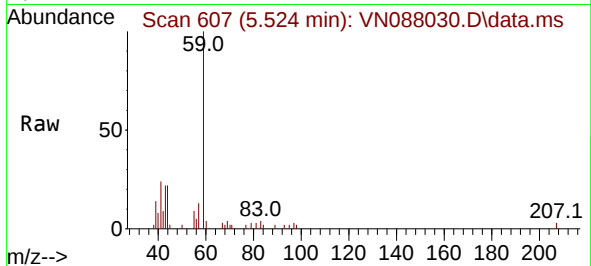
Tgt Ion: 96 Resp: 28117
Ion Ratio Lower Upper
96 100
61 141.2 117.0 175.6
98 66.7 52.6 79.0





#23
tert-Butyl Alcohol
Concen: 27.671 ug/l
RT: 5.524 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN088030.D
Acq: 08 Oct 2025 09:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



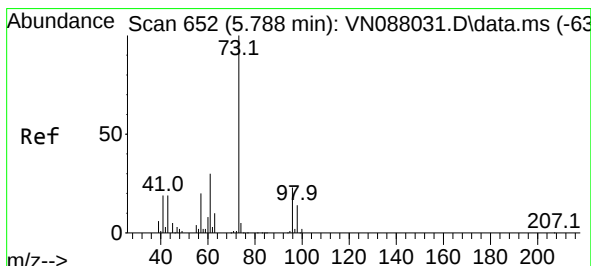
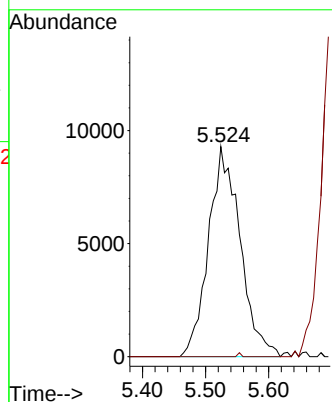
Tgt Ion: 59 Resp: 32274
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations
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Reviewed By :John
Carlone

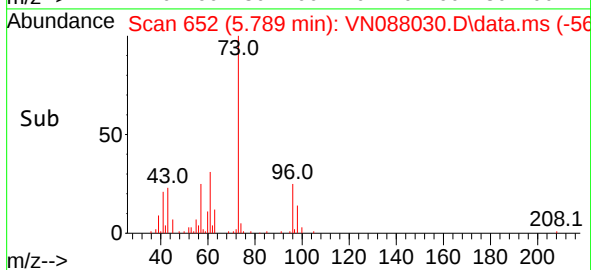
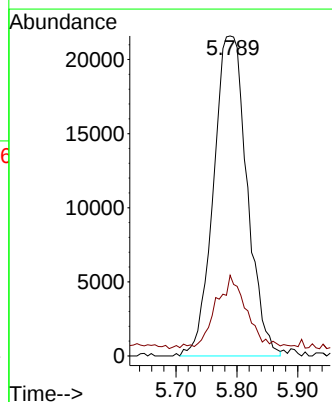
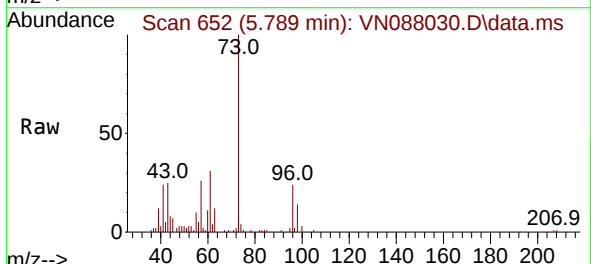
10/09/2025
Supervised By :Mahesh
Dadoda

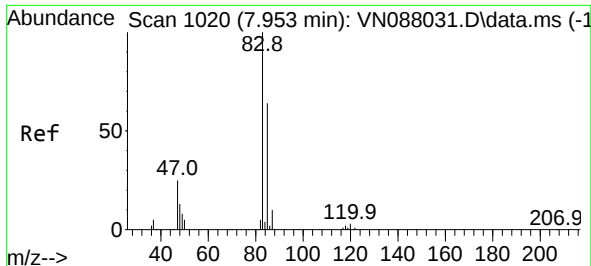
10/10/2025



#24
Methyl tert-Butyl Ether
Concen: 5.155 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN088030.D
Acq: 08 Oct 2025 09:34

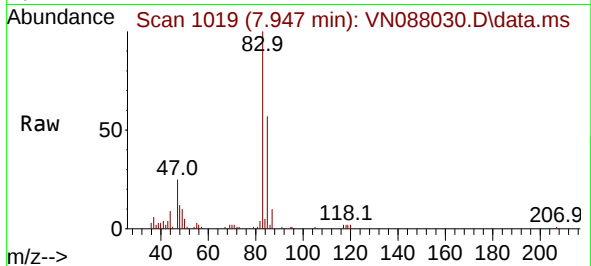
Tgt Ion: 73 Resp: 82482
Ion Ratio Lower Upper
73 100
43 19.2 17.0 25.4





#25
Chloroform
Concen: 5.393 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VN088030.D
Acq: 08 Oct 2025 09:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



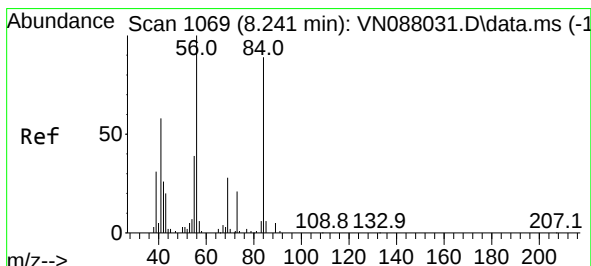
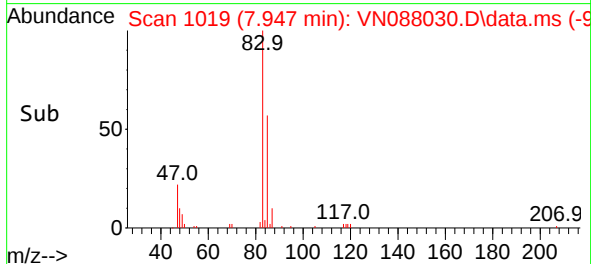
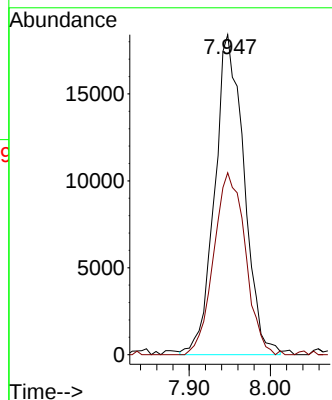
Tgt Ion: 83 Resp: 4613
Ion Ratio Lower Upper
83 100
85 57.4 50.9 76.3

Manual Integrations
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Reviewed By :John
Carlone

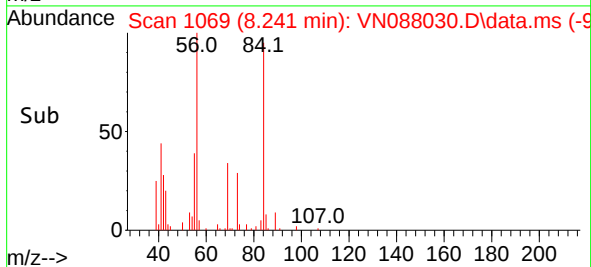
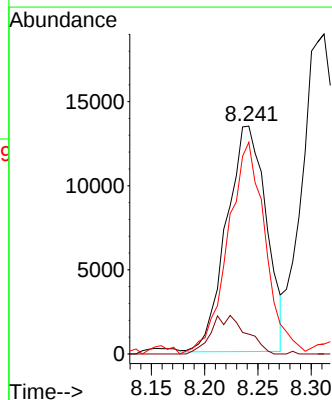
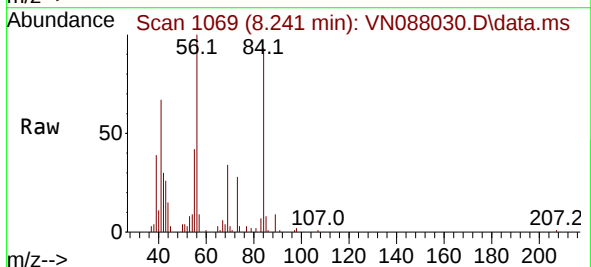
10/09/2025
Supervised By :Mahesh
Dadoda

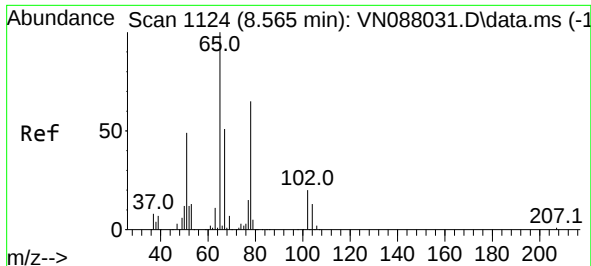
10/10/2025



#26
Cyclohexane
Concen: 5.075 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN088030.D
Acq: 08 Oct 2025 09:34

Tgt Ion: 56 Resp: 34857
Ion Ratio Lower Upper
56 100
89 6.6 8.6 12.8#
84 88.0 69.6 104.4





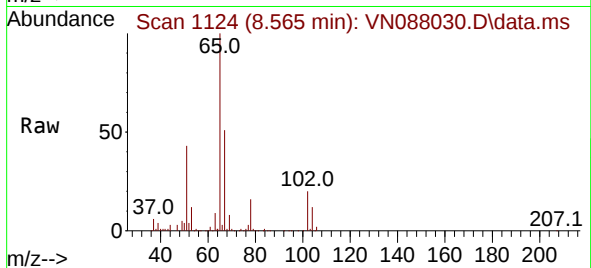
#27
1,2-Dichloroethane-d4
Concen: 29.577 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. 0.000 min
Lab File: VN088030.D
Acq: 08 Oct 2025 09:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005



Tgt Ion: 65 Resp: 16237
Ion Ratio Lower Upper
65 100
67 53.4 41.9 62.9

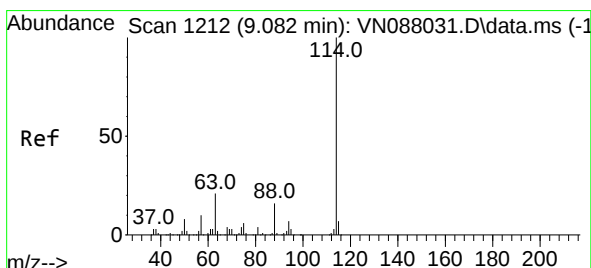
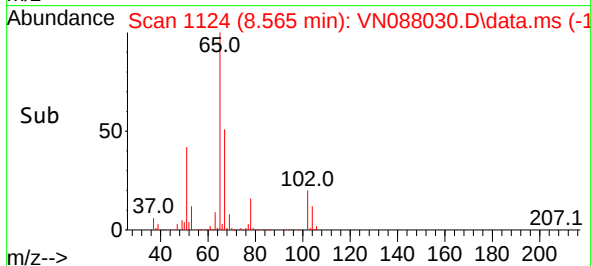
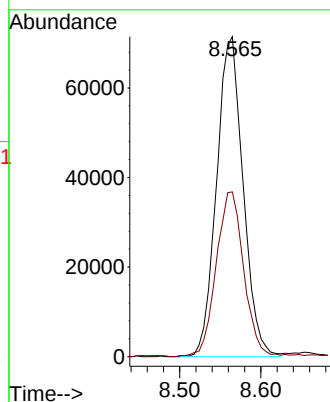
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Reviewed By :John
Carlone

10/09/2025

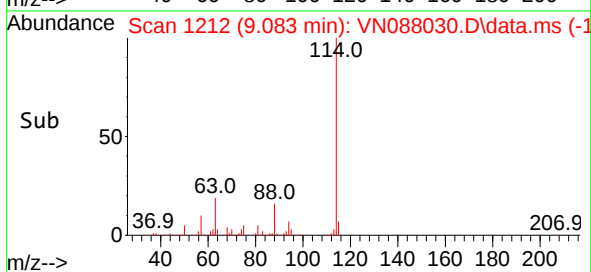
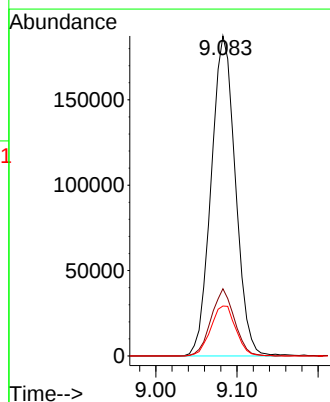
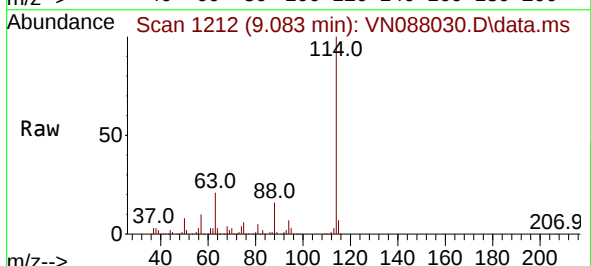
Supervised By :Mahesh
Dadoda

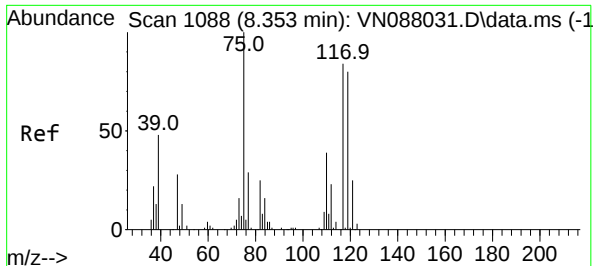
10/10/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.083 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN088030.D
Acq: 08 Oct 2025 09:34

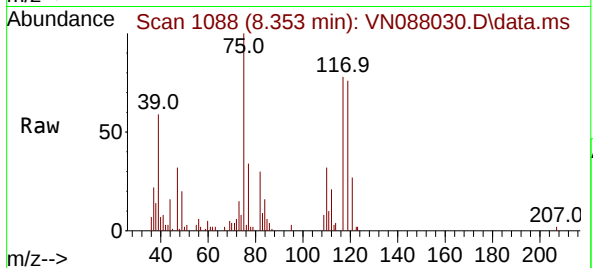
Tgt Ion:114 Resp: 388491
Ion Ratio Lower Upper
114 100
63 20.2 16.6 25.0
88 16.2 12.6 18.8





#29
1,1-Dichloropropene
Concen: 5.145 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN088030.D
Acq: 08 Oct 2025 09:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



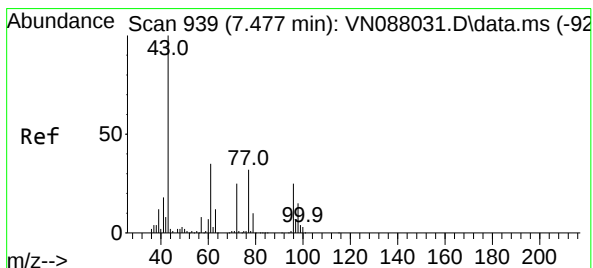
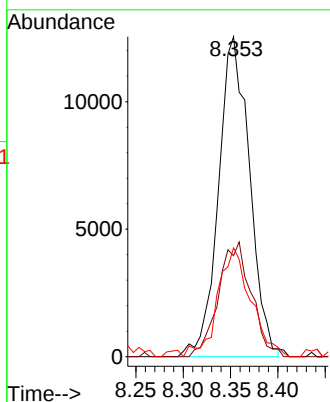
Tgt Ion: 75	Resp: 2865
Ion Ratio	Lower Upper
75 100	
110 37.3	0.0 72.2
77 35.3	0.0 60.6

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Reviewed By :John
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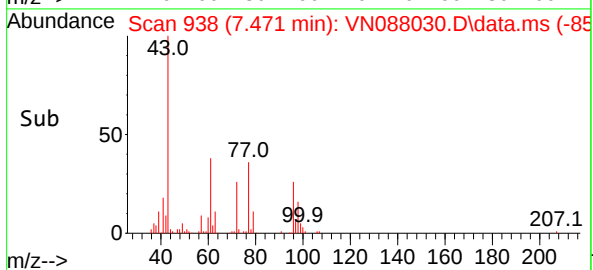
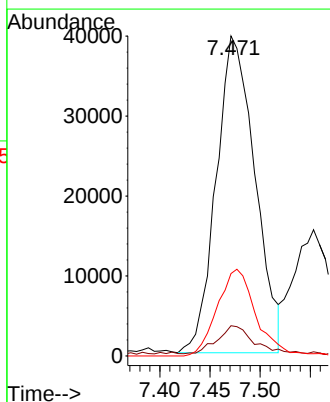
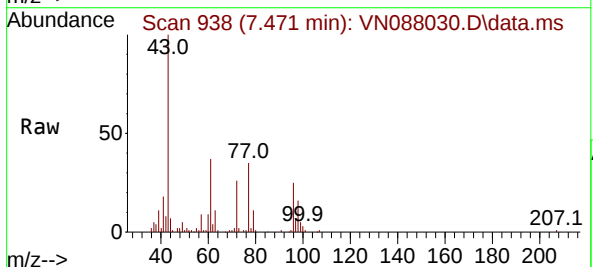
10/09/2025
Supervised By :Mahesh
Dadoda

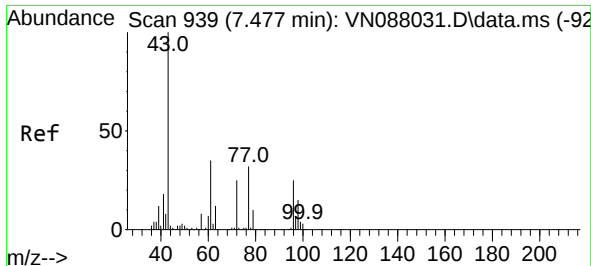
10/10/2025



#30
2-Butanone
Concen: 25.994 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN088030.D
Acq: 08 Oct 2025 09:34

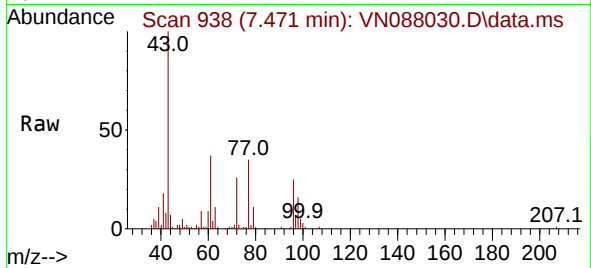
Tgt Ion: 43	Resp: 106757
Ion Ratio	Lower Upper
43 100	
57 8.6	6.5 9.7
72 26.7	21.4 32.2





#31
2,2-Dichloropropane
Concen: 5.527 ug/l m
RT: 7.471 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN088030.D
Acq: 08 Oct 2025 09:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



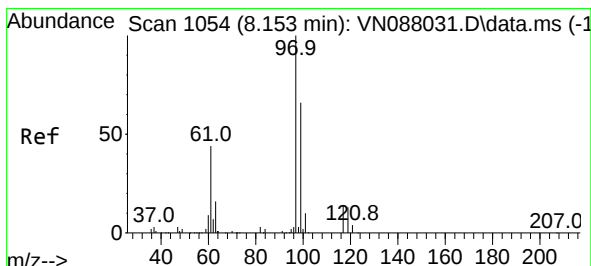
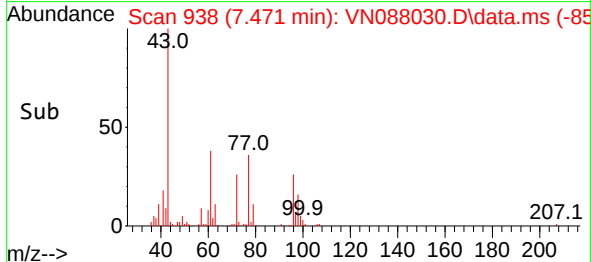
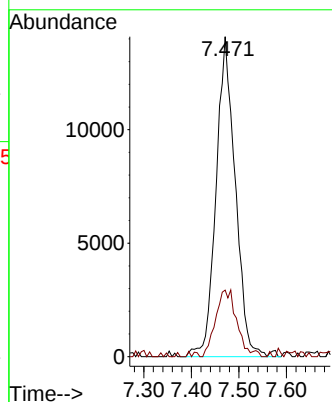
Tgt Ion: 77 Resp: 3971
Ion Ratio Lower Upper
77 100
97 0.2 17.8 26.8

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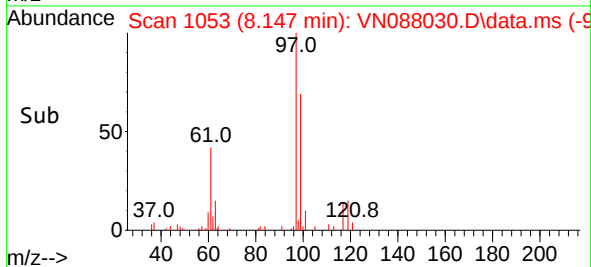
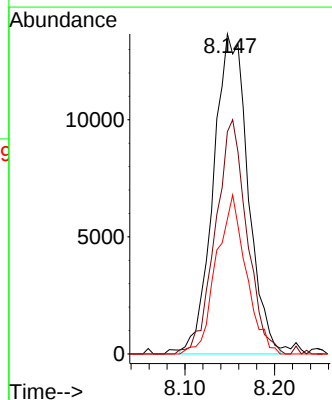
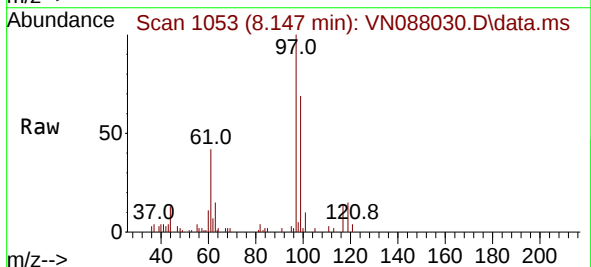
10/09/2025
Supervised By :Mahesh
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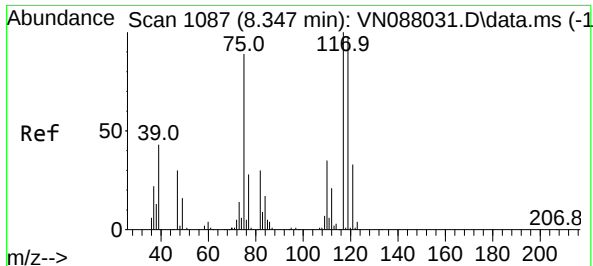
10/10/2025



#32
1,1,1-Trichloroethane
Concen: 5.248 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088030.D
Acq: 08 Oct 2025 09:34

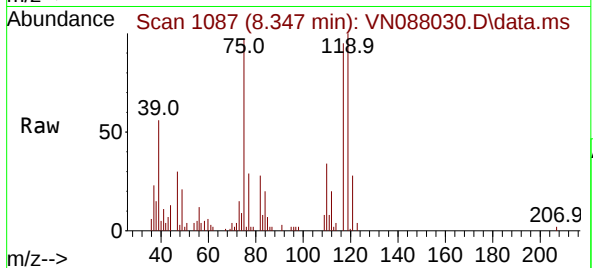
Tgt Ion: 97 Resp: 36518
Ion Ratio Lower Upper
97 100
99 66.2 51.4 77.2
61 42.9 34.7 52.1





#33
Carbon Tetrachloride
Concen: 5.072 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.000 min
Lab File: VN088030.D
Acq: 08 Oct 2025 09:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



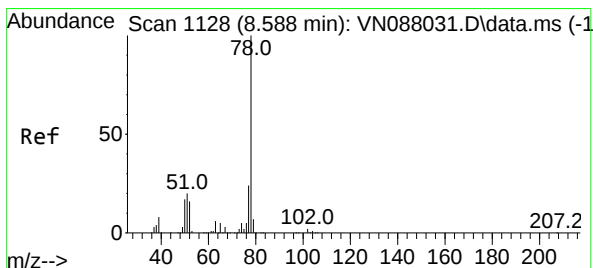
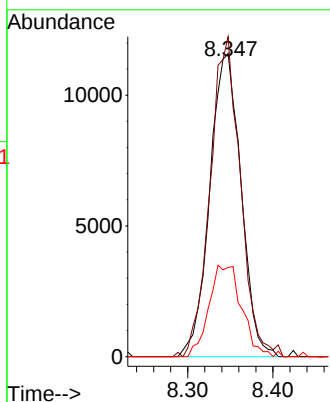
Tgt Ion: 117 Resp: 29564
Ion Ratio Lower Upper
117 100
119 104.1 77.9 116.9
121 29.5 26.4 39.6

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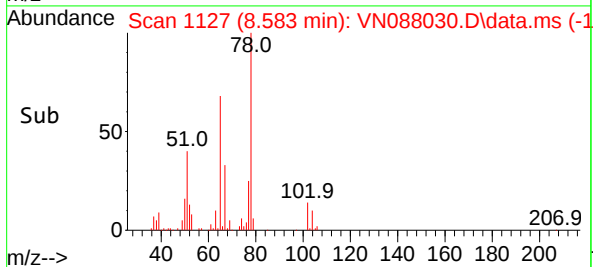
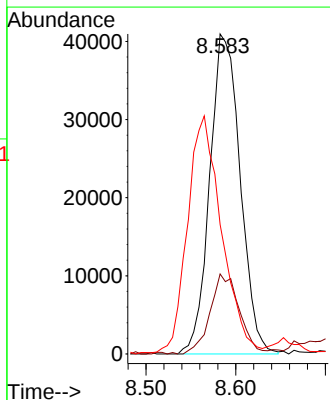
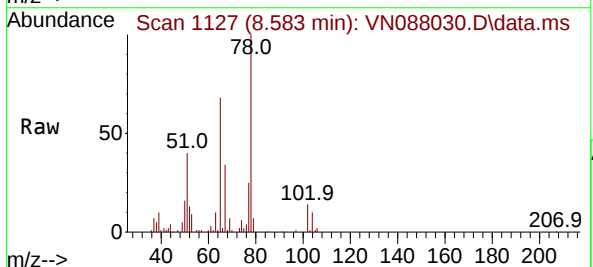
10/09/2025
Supervised By :Mahesh
Dadoda

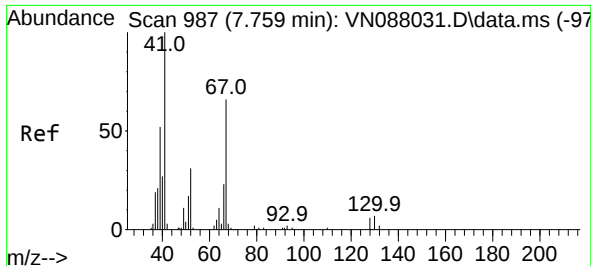
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#34
Benzene
Concen: 5.226 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN088030.D
Acq: 08 Oct 2025 09:34

Tgt Ion: 78 Resp: 96524
Ion Ratio Lower Upper
78 100
77 25.0 18.9 28.3
51 36.9 15.6 23.4#





#35
Methacrylonitrile
Concen: 5.236 ug/l
RT: 7.771 min Scan# 914
Delta R.T. 0.012 min
Lab File: VN088030.D
Acq: 08 Oct 2025 09:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

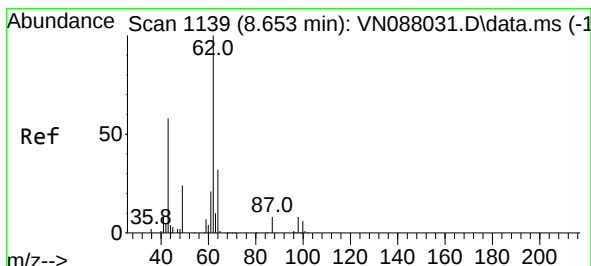
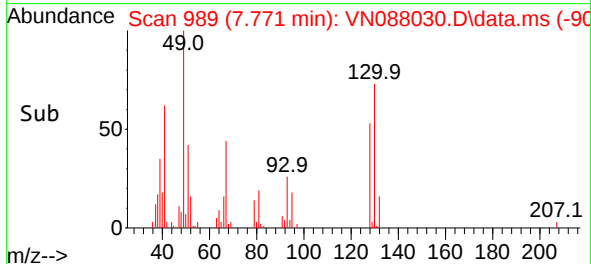
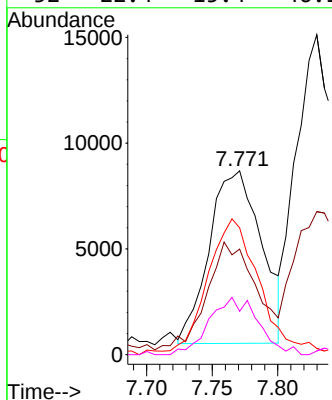
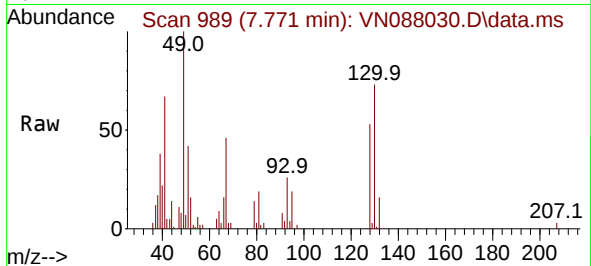
Tgt Ion: 41	Resp: 22614
Ion Ratio	Lower Upper
41 100	
39 51.4	26.1 78.3
67 69.3	33.1 99.2
52 22.4	15.4 46.1

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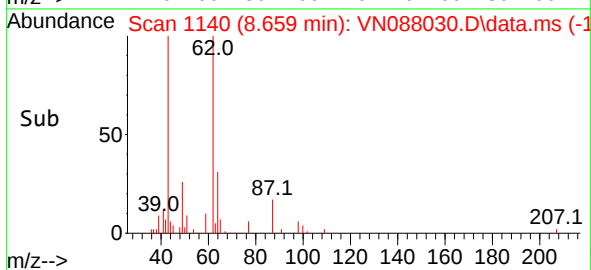
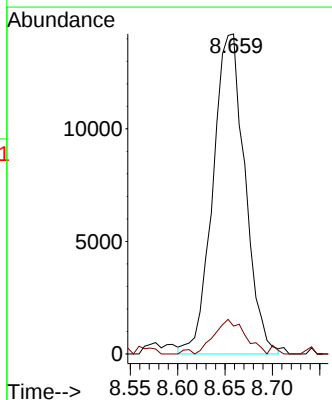
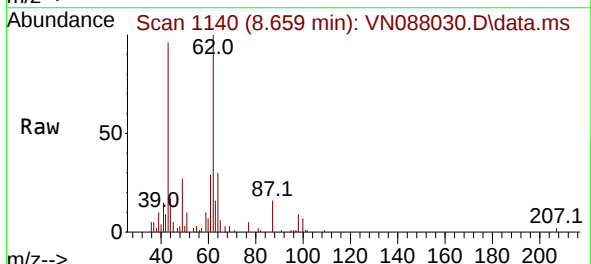
10/09/2025
Supervised By :Mahesh
Dadoda

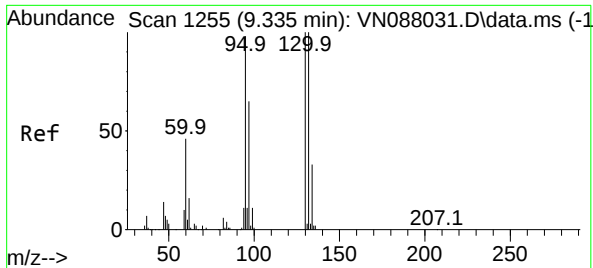
10/10/2025



#36
1,2-Dichloroethane
Concen: 5.220 ug/l
RT: 8.659 min Scan# 1140
Delta R.T. 0.006 min
Lab File: VN088030.D
Acq: 08 Oct 2025 09:34

Tgt Ion: 62	Resp: 33473		
Ion Ratio	Lower	Upper	
62 100			
98 10.3	7.8	11.6	





#37
Trichloroethene
Concen: 5.302 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VN088030.D
Acq: 08 Oct 2025 09:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

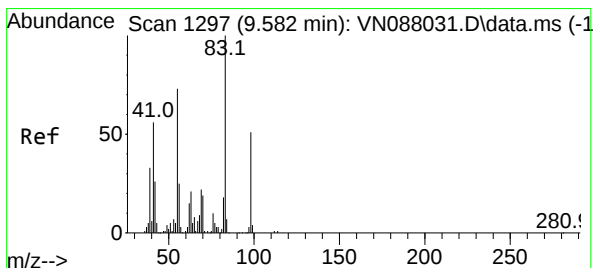
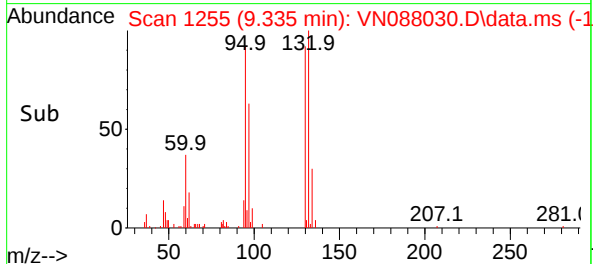
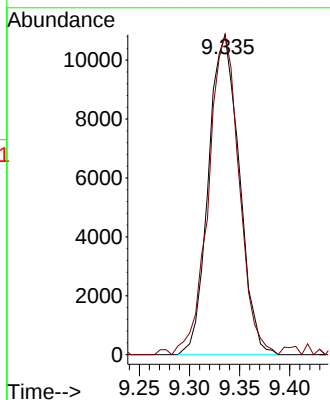
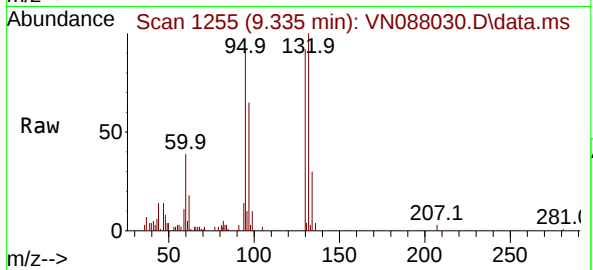
Tgt Ion:130 Resp: 2320
Ion Ratio Lower Upper
130 100
95 100.0 78.7 118.1

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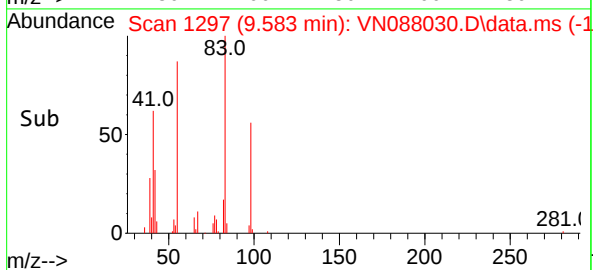
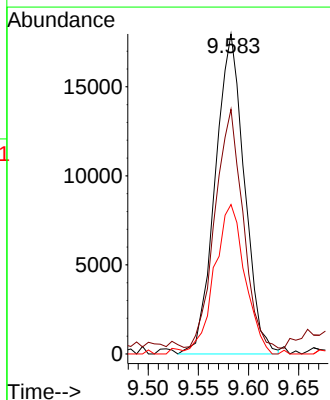
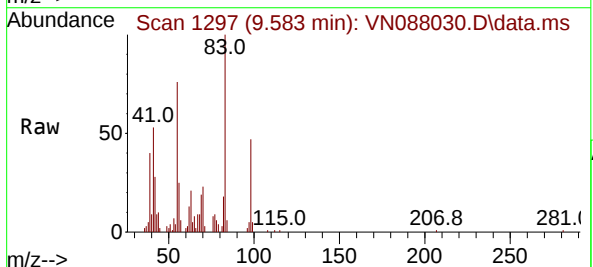
10/09/2025
Supervised By :Mahesh
Dadoda

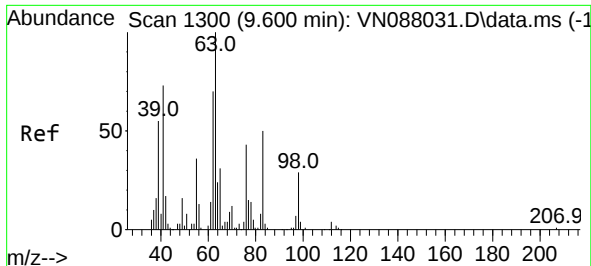
10/10/2025



#38
Methylcyclohexane
Concen: 5.272 ug/l
RT: 9.583 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN088030.D
Acq: 08 Oct 2025 09:34

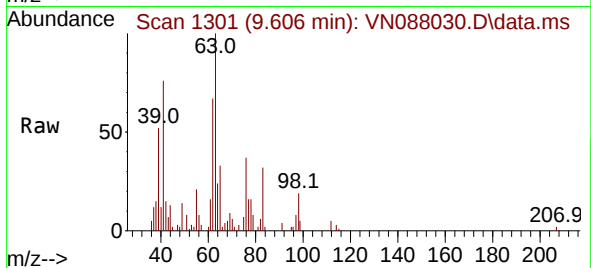
Tgt Ion: 83 Resp: 36254
Ion Ratio Lower Upper
83 100
55 71.6 37.3 111.9
98 48.8 25.4 76.0





#39
1,2-Dichloropropane
Concen: 5.296 ug/l
RT: 9.606 min Scan# 1300
Delta R.T. 0.006 min
Lab File: VN088030.D
Acq: 08 Oct 2025 09:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



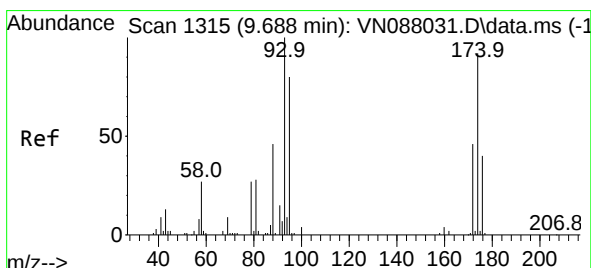
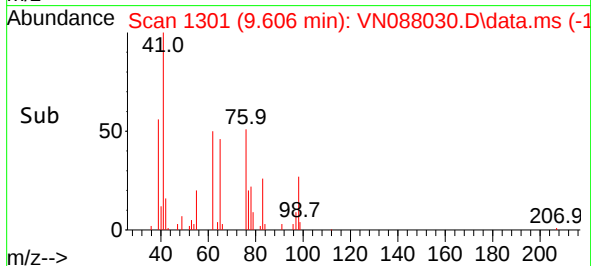
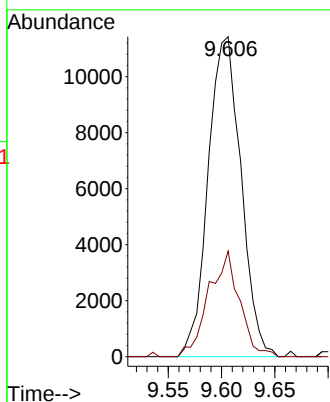
Tgt Ion: 63 Resp: 24520
Ion Ratio Lower Upper
63 100
65 33.0 25.0 37.6

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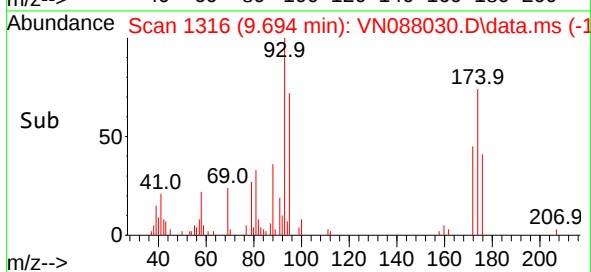
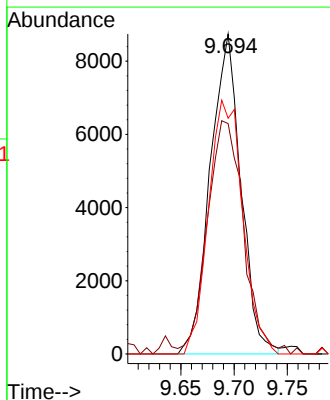
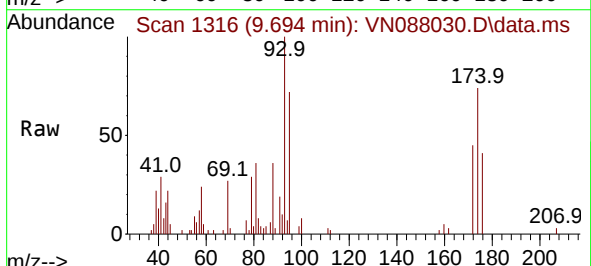
10/09/2025
Supervised By :Mahesh
Dadoda

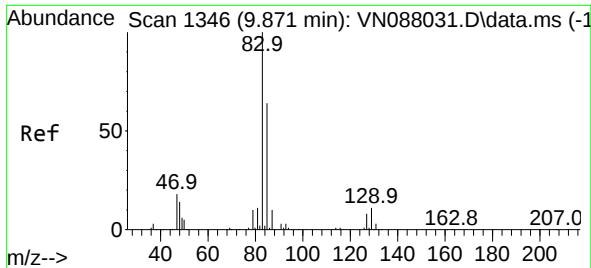
10/10/2025



#40
Dibromomethane
Concen: 5.194 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VN088030.D
Acq: 08 Oct 2025 09:34

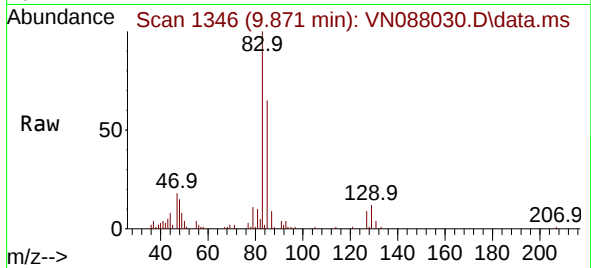
Tgt Ion: 93 Resp: 17510
Ion Ratio Lower Upper
93 100
95 85.3 0.0 158.6
174 88.3 0.0 180.8





#41
Bromodichloromethane
Concen: 5.370 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. 0.000 min
Lab File: VN088030.D
Acq: 08 Oct 2025 09:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



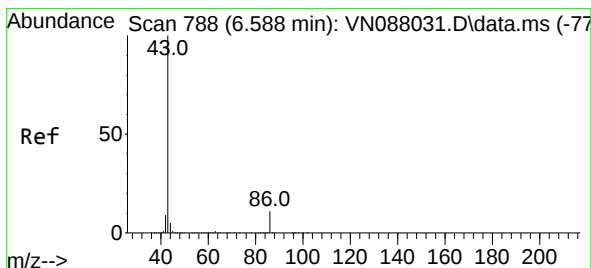
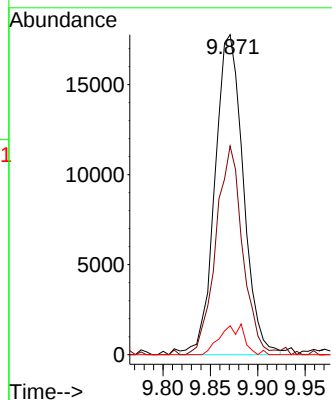
Tgt Ion: 83 Resp: 3697
Ion Ratio Lower Upper
83 100
85 66.0 51.0 76.4
127 9.2 6.1 9.1

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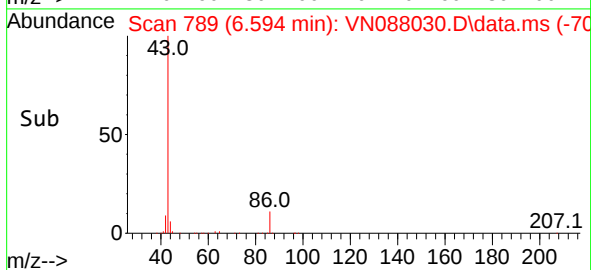
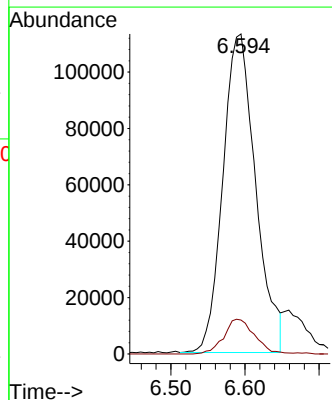
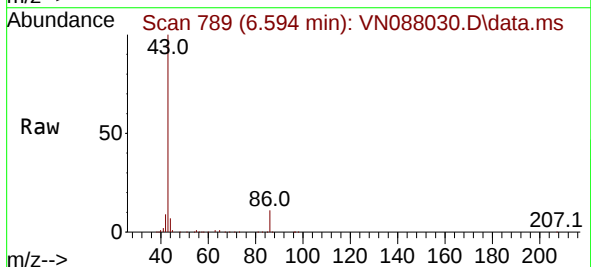
10/09/2025
Supervised By :Mahesh
Dadoda

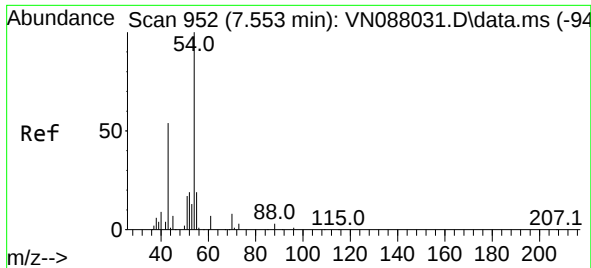
10/10/2025



#42
Vinyl Acetate
Concen: 24.837 ug/l
RT: 6.594 min Scan# 789
Delta R.T. 0.006 min
Lab File: VN088030.D
Acq: 08 Oct 2025 09:34

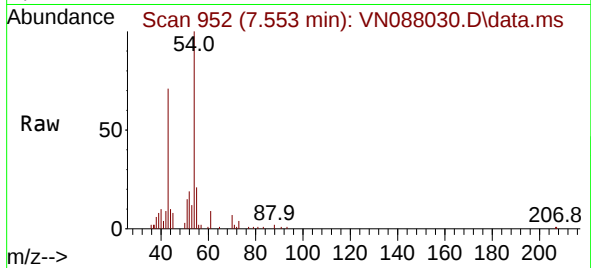
Tgt Ion: 43 Resp: 347500
Ion Ratio Lower Upper
43 100
86 10.2 8.4 12.6





#43
Ethyl Acetate
Concen: 5.141 ug/l
RT: 7.553 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN088030.D
Acq: 08 Oct 2025 09:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



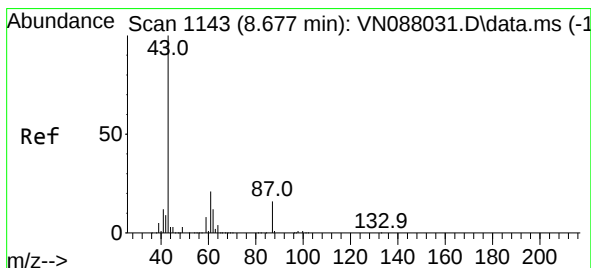
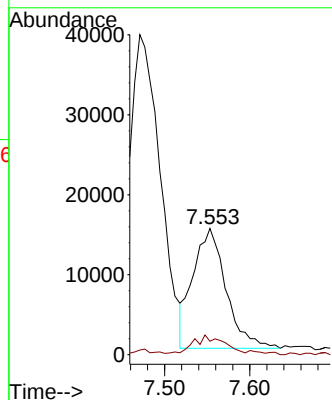
Tgt Ion: 43 Resp: 4058
Ion Ratio Lower Upper
43 100
45 1.4 10.2 15.4

Manual Integrations
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Reviewed By :John
Carlone

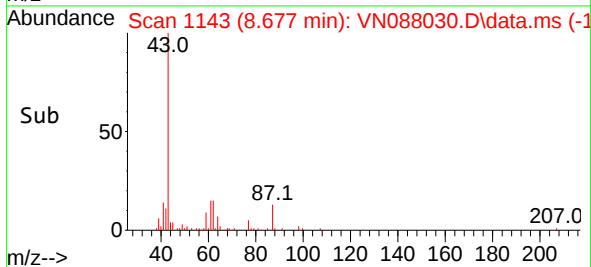
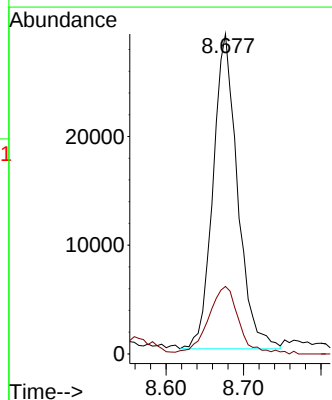
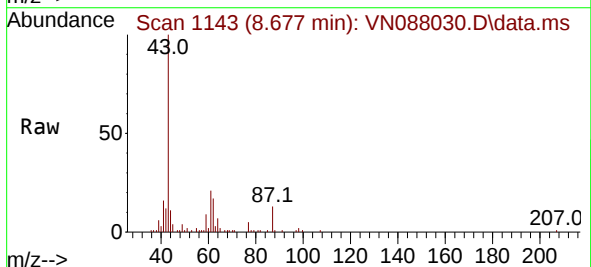
10/09/2025
Supervised By :Mahesh
Dadoda

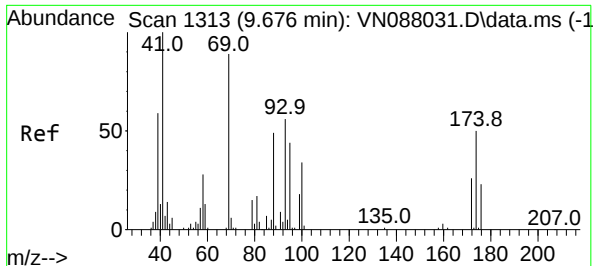
10/10/2025



#44
Isopropyl Acetate
Concen: 4.961 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN088030.D
Acq: 08 Oct 2025 09:34

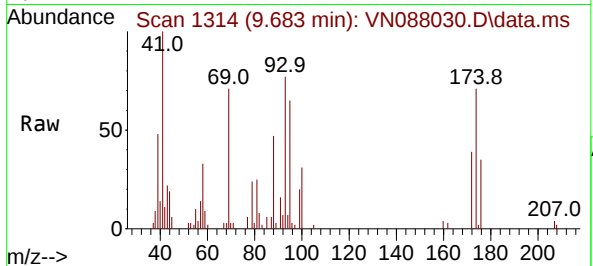
Tgt Ion: 43 Resp: 63965
Ion Ratio Lower Upper
43 100
61 25.0 18.7 28.1





#45
1,4-Dioxane
Concen: 99.555 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN088030.D
Acq: 08 Oct 2025 09:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



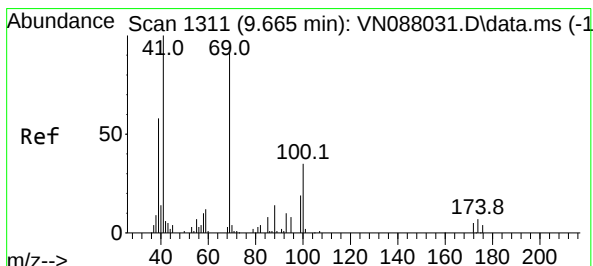
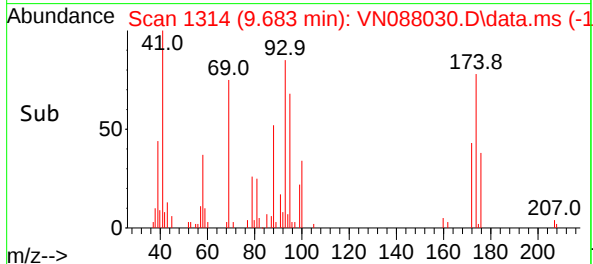
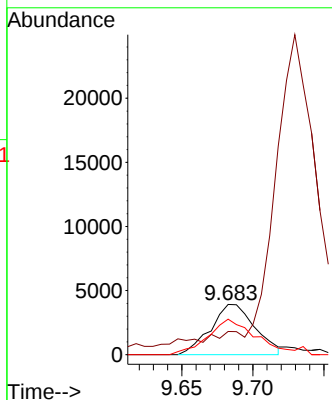
Tgt Ion: 88 Resp: 8538
Ion Ratio Lower Upper
88 100
43 12.6 18.6 27.8
58 76.1 57.4 86.2

Manual Integrations
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Reviewed By :John
Carlone

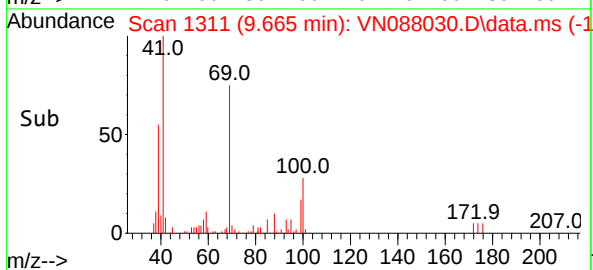
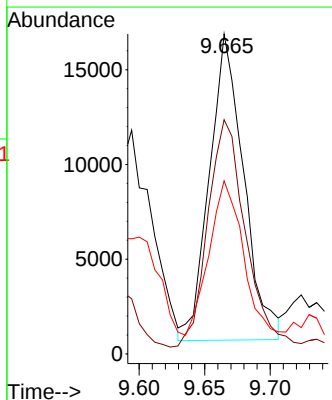
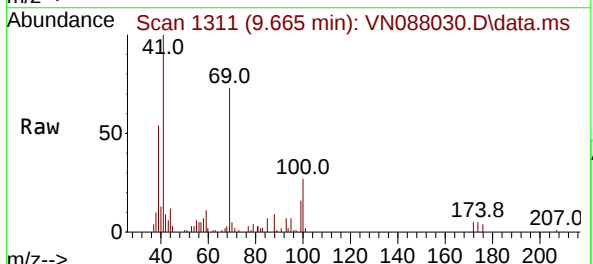
10/09/2025
Supervised By :Mahesh
Dadoda

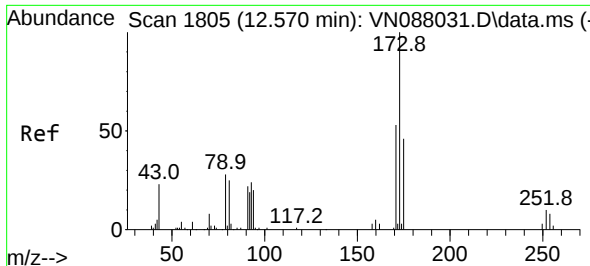
10/10/2025



#46
Methyl methacrylate
Concen: 5.167 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VN088030.D
Acq: 08 Oct 2025 09:34

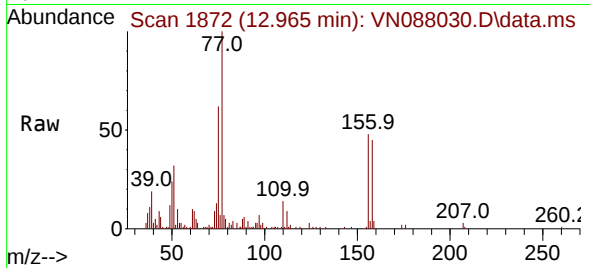
Tgt Ion: 41 Resp: 29344
Ion Ratio Lower Upper
41 100
69 76.9 44.9 134.7
39 51.4 30.3 90.8





#47
n-amy1 Acetate
Concen: 4.308 ug/l m
RT: 12.965 min Scan# 1805
Delta R.T. 0.394 min
Lab File: VN088030.D
Acq: 08 Oct 2025 09:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



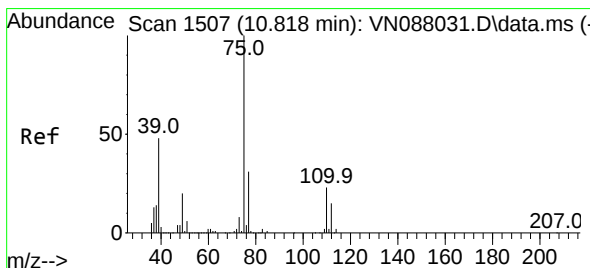
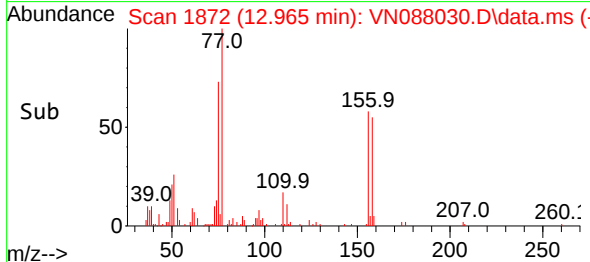
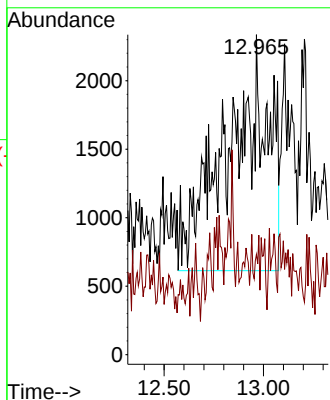
Tgt Ion: 43 Resp: 2440
Ion Ratio Lower Upper
43 100
55 0.9 0.6 0.8

Manual Integrations
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Reviewed By :John
Carlone

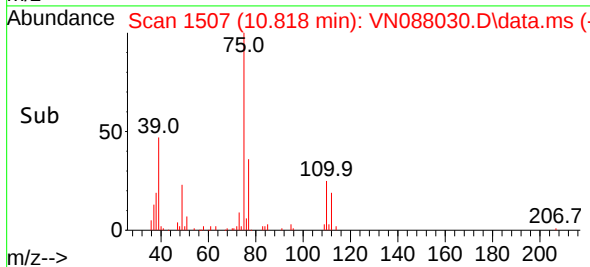
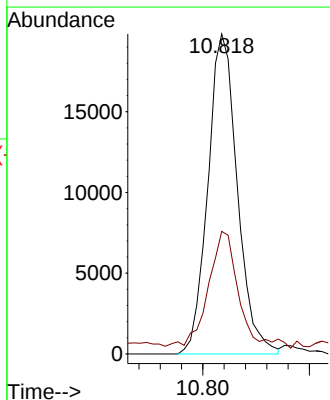
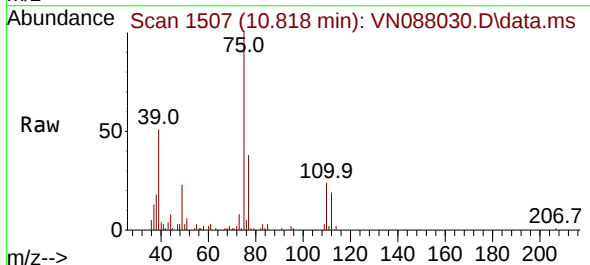
10/09/2025
Supervised By :Mahesh
Dadoda

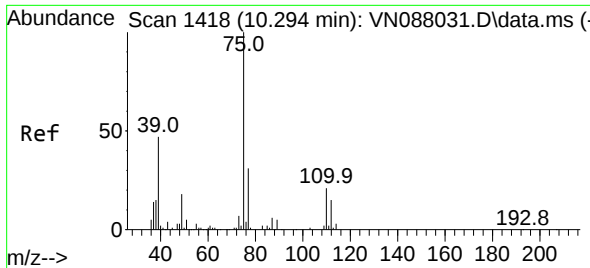
10/10/2025



#48
t-1,3-Dichloropropene
Concen: 4.966 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VN088030.D
Acq: 08 Oct 2025 09:34

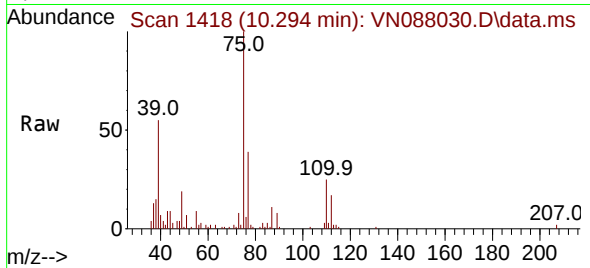
Tgt Ion: 75 Resp: 38023
Ion Ratio Lower Upper
75 100
77 34.5 24.5 36.7





#49
 cis-1,3-Dichloropropene
 Concen: 5.094 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VN088030.D
 Acq: 08 Oct 2025 09:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



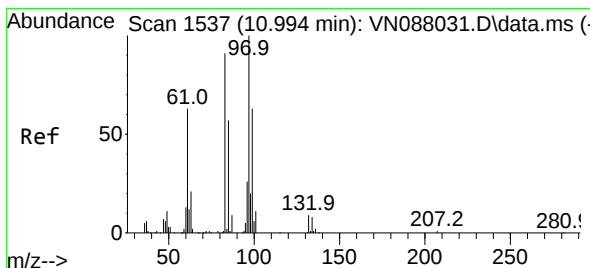
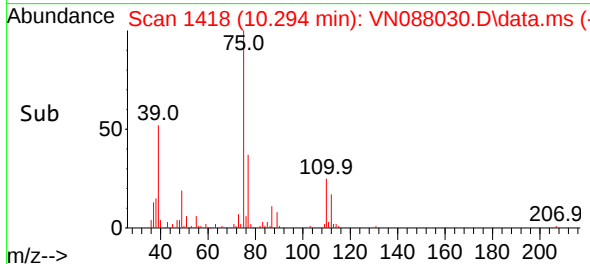
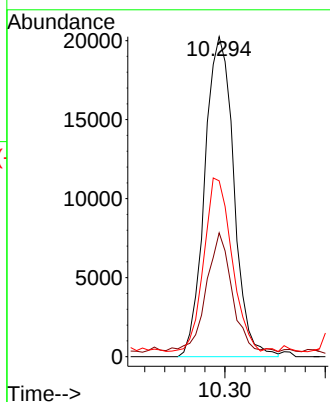
Tgt Ion: 75	Resp: 4068
Ion Ratio	Lower Upper
75 100	
77 37.1	25.0 37.4
39 53.3	37.4 56.0

Manual Integrations
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Reviewed By :John
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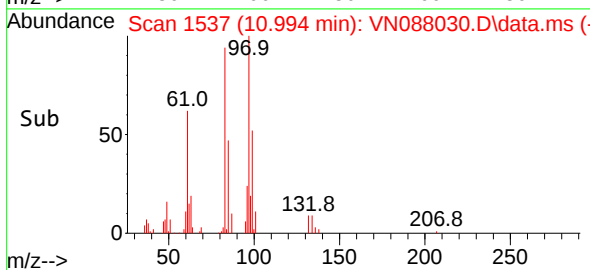
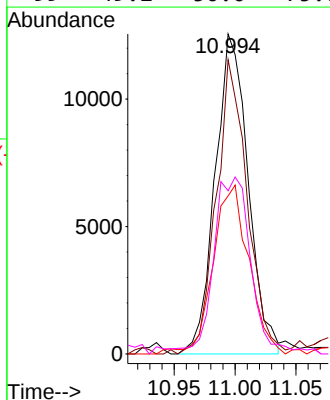
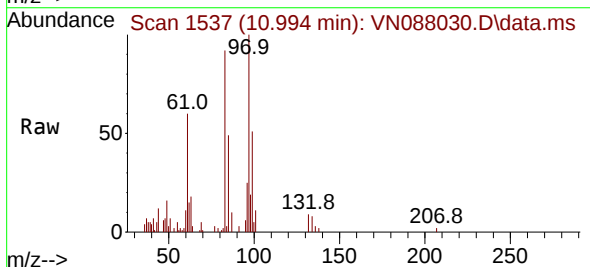
10/09/2025
 Supervised By :Mahesh
 Dadoda

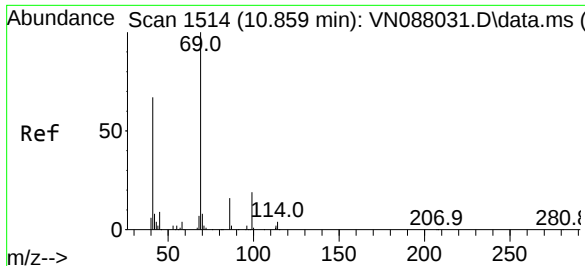
10/10/2025



#50
 1,1,2-Trichloroethane
 Concen: 5.302 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. 0.000 min
 Lab File: VN088030.D
 Acq: 08 Oct 2025 09:34

Tgt Ion: 97	Resp: 23673
Ion Ratio	Lower Upper
97 100	
83 92.0	72.5 108.7
85 48.0	45.5 68.3
99 49.2	50.0 75.0





#51
Ethyl methacrylate
Concen: 4.388 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN088030.D
Acq: 08 Oct 2025 09:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

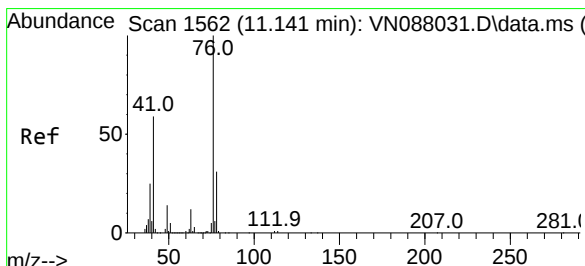
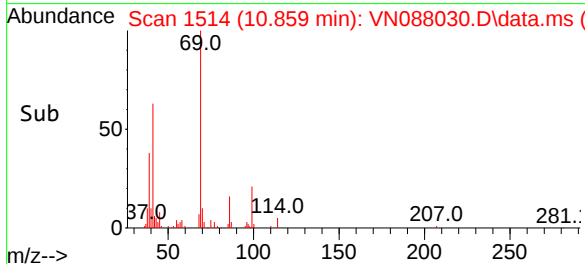
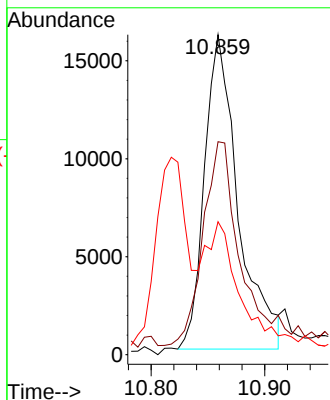
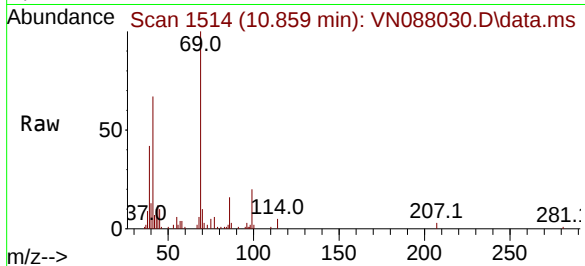
Tgt Ion: 69 Resp: 33154
Ion Ratio Lower Upper
69 100
41 62.8 33.3 99.8
39 36.3 20.3 61.0

Manual Integrations
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Reviewed By :John
Carlone

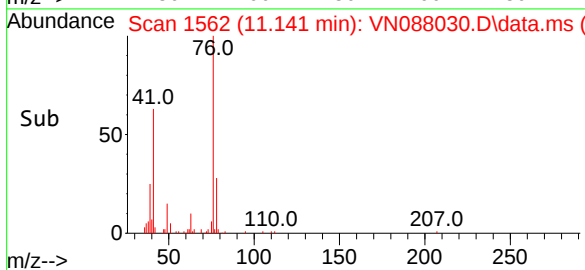
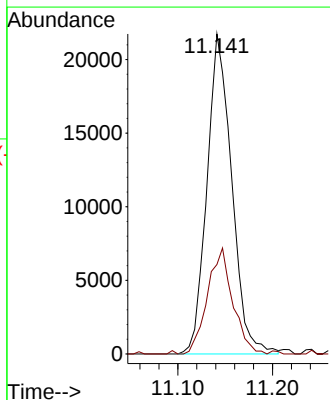
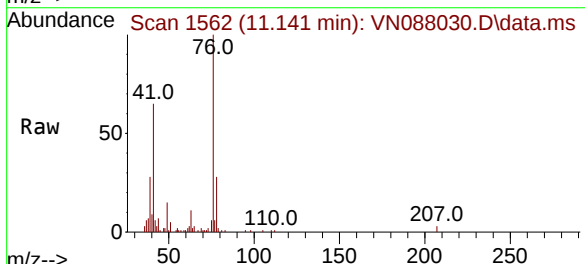
10/09/2025
Supervised By :Mahesh
Dadoda

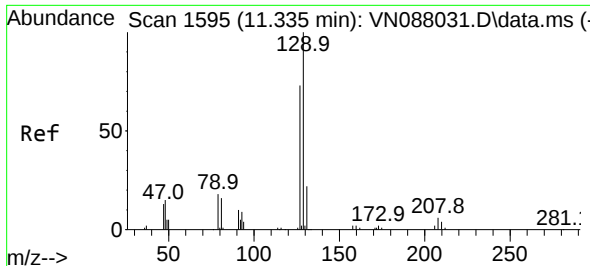
10/10/2025



#52
1,3-Dichloropropane
Concen: 5.084 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. 0.000 min
Lab File: VN088030.D
Acq: 08 Oct 2025 09:34

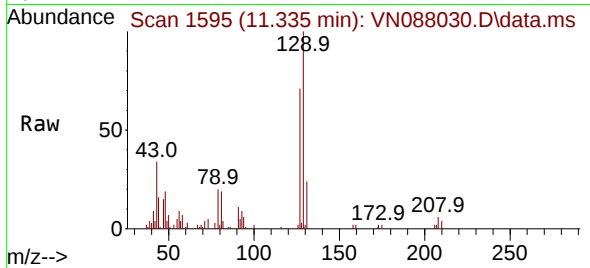
Tgt Ion: 76 Resp: 39602
Ion Ratio Lower Upper
76 100
78 33.7 0.0 65.0





#53
Dibromochloromethane
Concen: 5.040 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VN088030.D
Acq: 08 Oct 2025 09:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



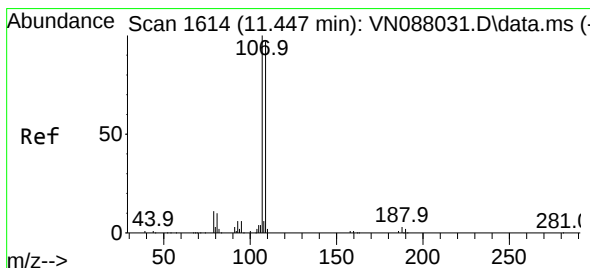
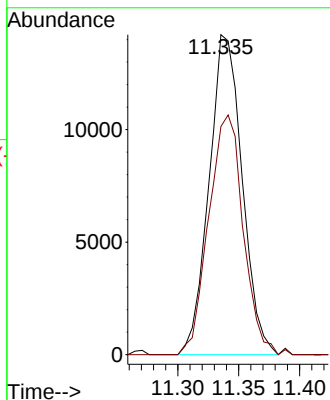
Tgt Ion:129 Resp: 26900
Ion Ratio Lower Upper
129 100
127 77.8 39.1 117.3

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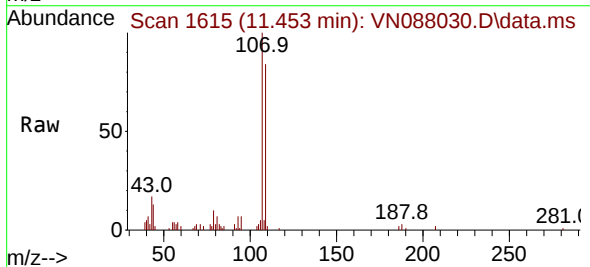
Reviewed By :John
Carlone

10/09/2025
Supervised By :Mahesh
Dadoda

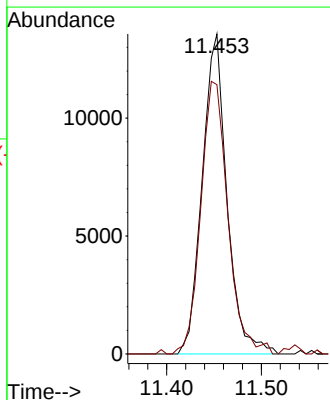
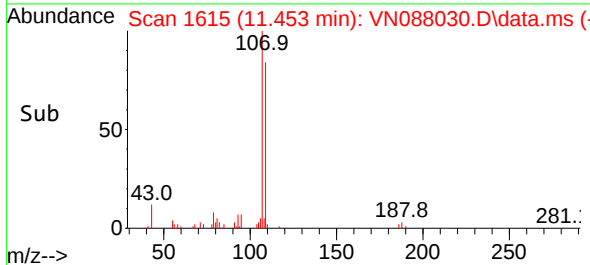
10/10/2025

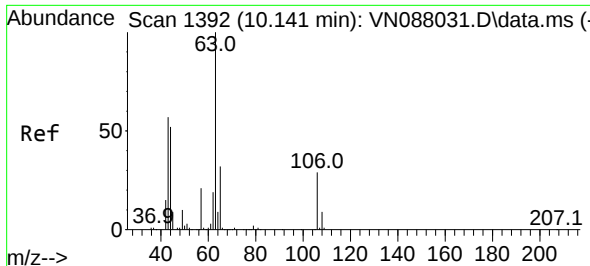


#54
1,2-Dibromoethane
Concen: 5.174 ug/l
RT: 11.453 min Scan# 1615
Delta R.T. 0.006 min
Lab File: VN088030.D
Acq: 08 Oct 2025 09:34



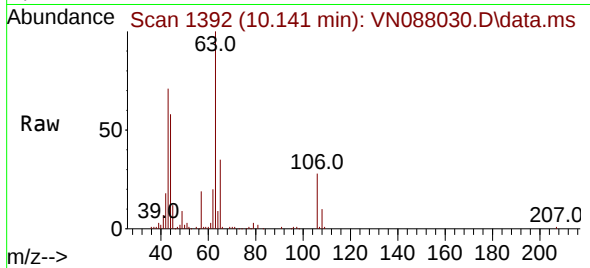
Tgt Ion:107 Resp: 24696
Ion Ratio Lower Upper
107 100
109 91.5 75.5 113.3





#55
2-Chloroethyl vinyl ether
Concen: 23.044 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN088030.D
Acq: 08 Oct 2025 09:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



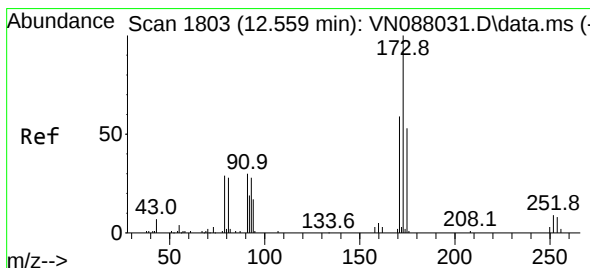
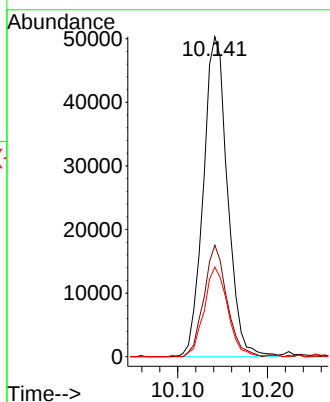
Tgt Ion: 63 Resp: 93982
Ion Ratio Lower Upper
63 100
65 33.2 25.7 38.5
106 27.3 22.6 34.0

Manual Integrations
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Reviewed By :John
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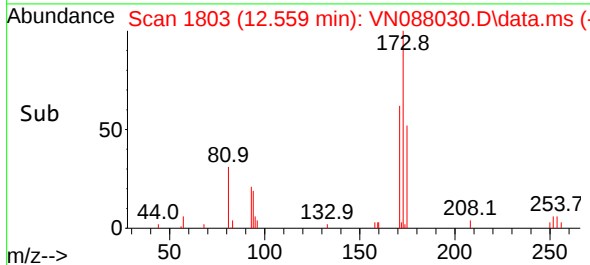
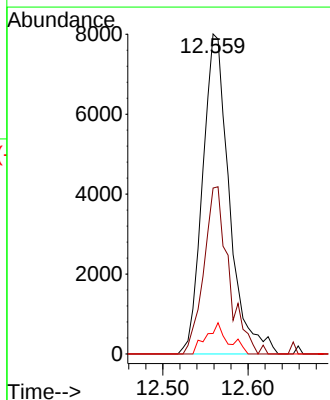
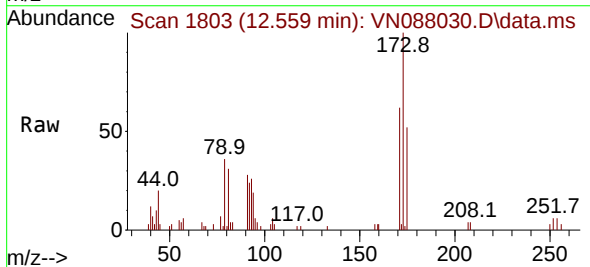
10/09/2025
Supervised By :Mahesh
Dadoda

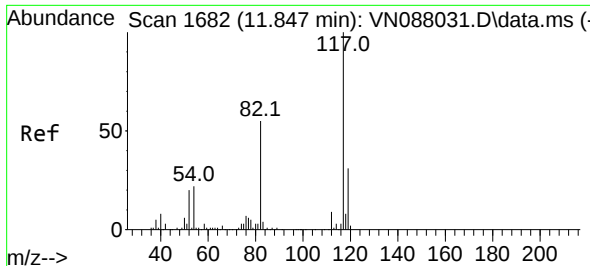
10/10/2025



#56
Bromoform
Concen: 4.820 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN088030.D
Acq: 08 Oct 2025 09:34

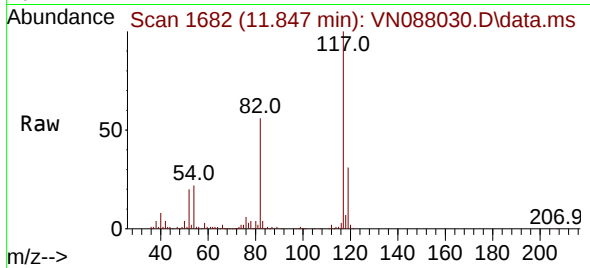
Tgt Ion:173 Resp: 17392
Ion Ratio Lower Upper
173 100
175 43.3 39.6 59.4
254 6.9 6.6 10.0





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN088030.D
Acq: 08 Oct 2025 09:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



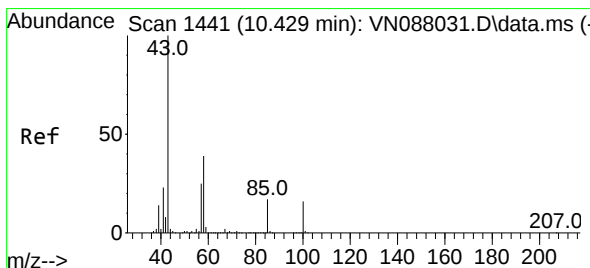
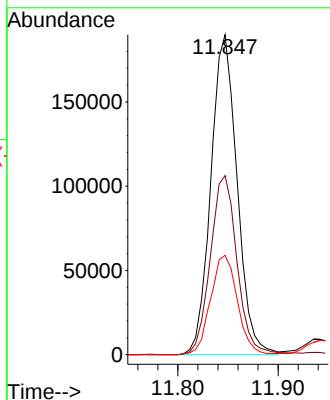
Tgt Ion:117 Resp: 345679
Ion Ratio Lower Upper
117 100
82 57.2 45.2 67.8
119 31.8 25.9 38.9

Manual Integrations
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Reviewed By :John
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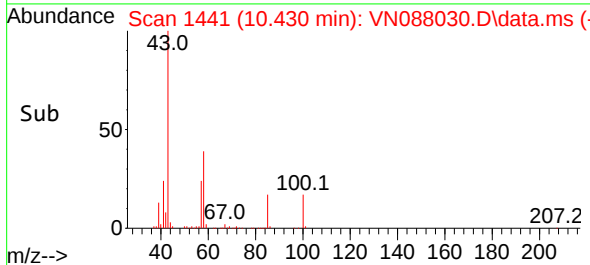
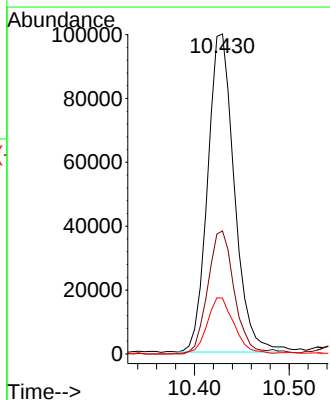
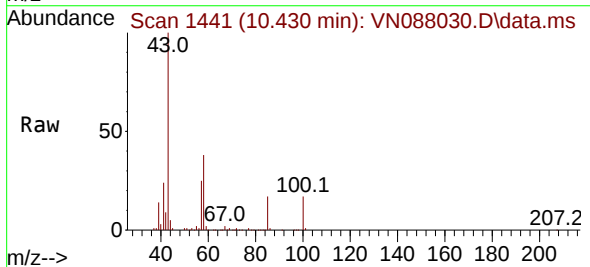
10/09/2025
Supervised By :Mahesh
Dadoda

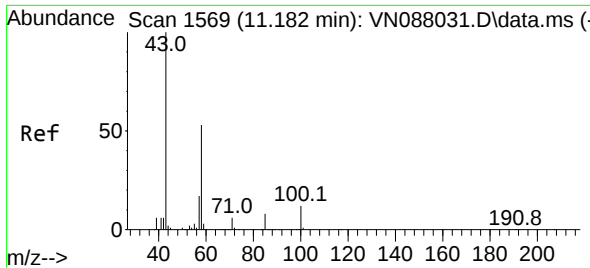
10/10/2025



#58
4-Methyl-2-Pentanone
Concen: 25.289 ug/l
RT: 10.430 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VN088030.D
Acq: 08 Oct 2025 09:34

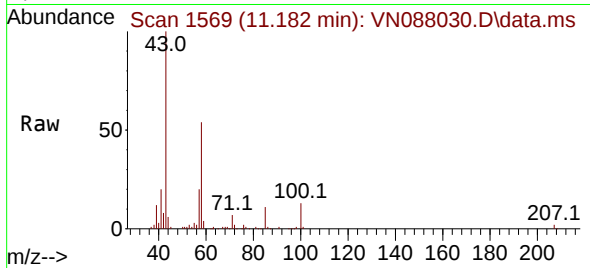
Tgt Ion: 43 Resp: 195537
Ion Ratio Lower Upper
43 100
58 38.3 31.2 46.8
85 17.8 13.7 20.5





#59
2-Hexanone
Concen: 20.314 ug/l
RT: 11.182 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VN088030.D
Acq: 08 Oct 2025 09:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



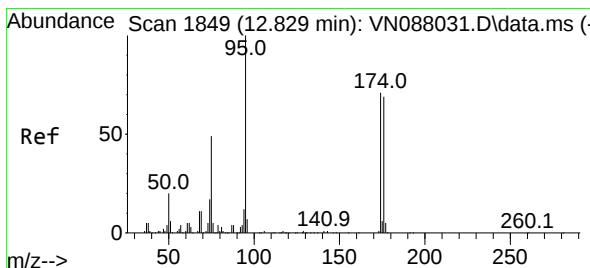
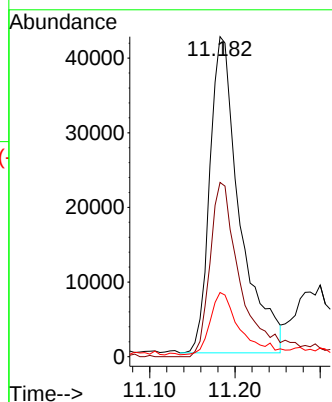
Tgt Ion: 43 Resp: 103702
Ion Ratio Lower Upper
43 100
58 54.7 43.1 64.7
57 18.3 14.6 21.8

Manual Integrations
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Reviewed By :John
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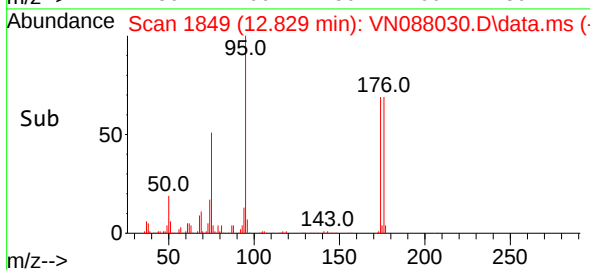
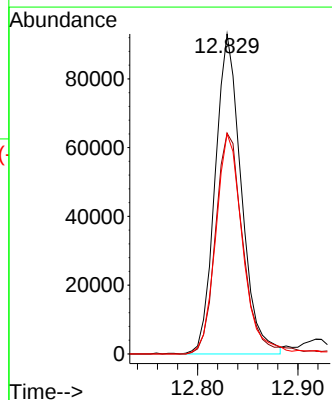
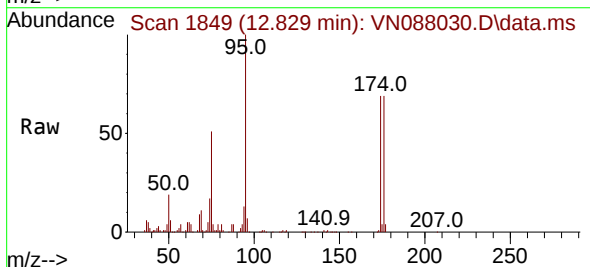
10/09/2025
Supervised By :Mahesh
Dadoda

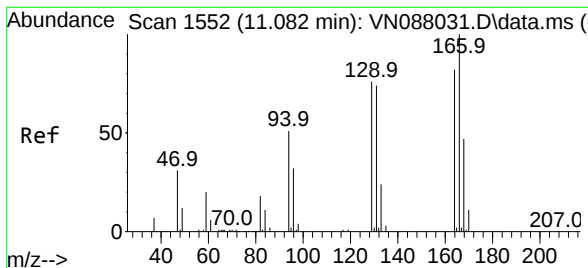
10/10/2025



#60
4-Bromofluorobenzene
Concen: 29.574 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN088030.D
Acq: 08 Oct 2025 09:34

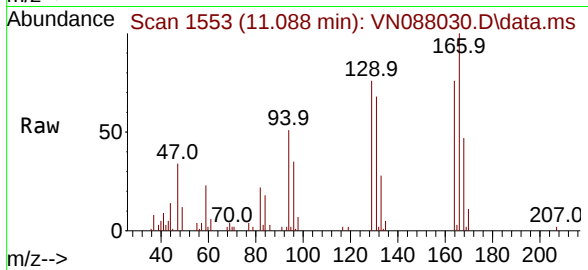
Tgt Ion: 95 Resp: 168531
Ion Ratio Lower Upper
95 100
174 72.7 57.4 86.0
176 70.7 57.0 85.4





#61
Tetrachloroethene
Concen: 5.316 ug/l
RT: 11.088 min Scan# 1552
Delta R.T. 0.006 min
Lab File: VN088030.D
Acq: 08 Oct 2025 09:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



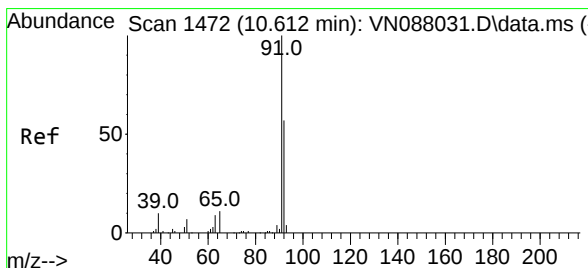
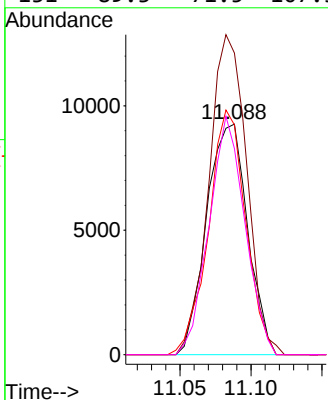
Tgt Ion:164 Resp: 18609
Ion Ratio Lower Upper
164 100
166 130.8 97.2 145.8
129 99.7 73.7 110.5
131 89.3 71.5 107.3

Manual Integrations
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Reviewed By :John
Carlone

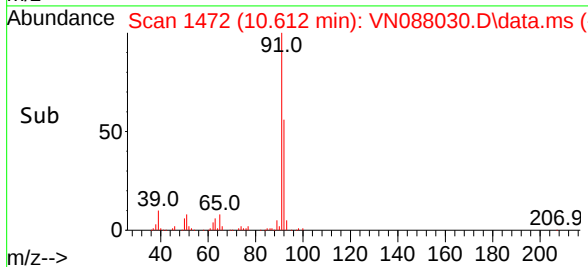
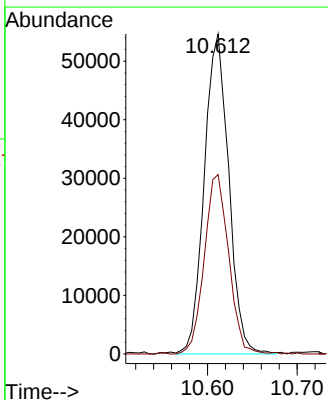
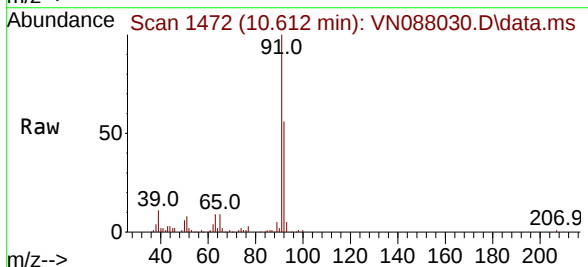
10/09/2025
Supervised By :Mahesh
Dadoda

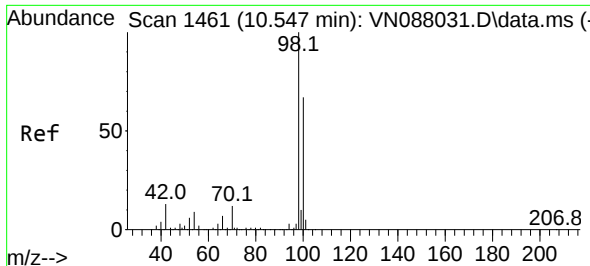
10/10/2025



#62
Toluene
Concen: 5.276 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VN088030.D
Acq: 08 Oct 2025 09:34

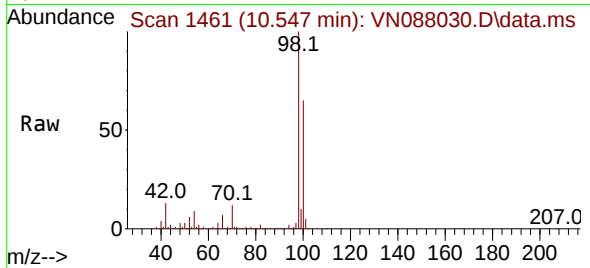
Tgt Ion: 91 Resp: 103446
Ion Ratio Lower Upper
91 100
92 56.0 45.8 68.8





#63
Toluene-d8
Concen: 30.170 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN088030.D
Acq: 08 Oct 2025 09:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



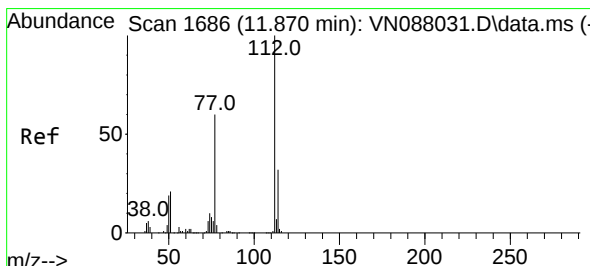
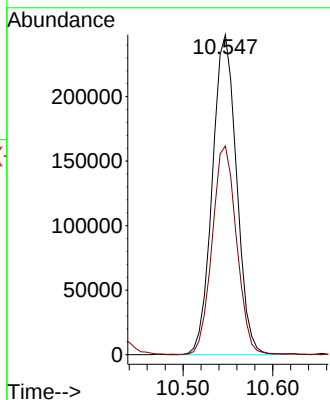
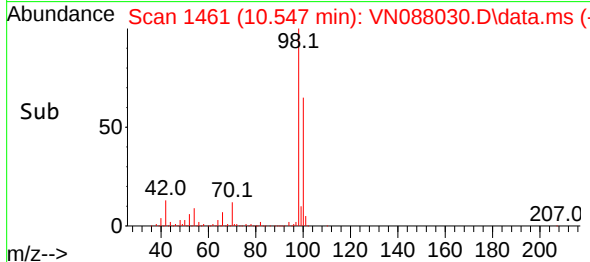
Tgt Ion: 98 Resp: 464668
Ion Ratio Lower Upper
98 100
100 65.6 53.1 79.7

Manual Integrations
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Reviewed By :John
Carlone

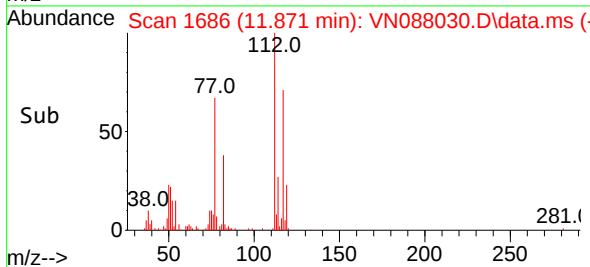
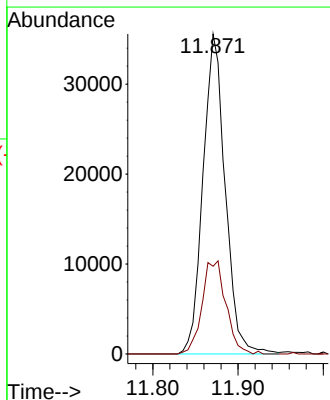
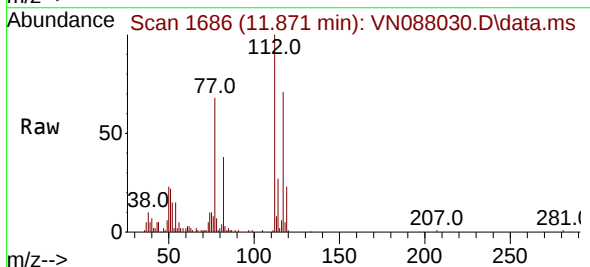
10/09/2025
Supervised By :Mahesh
Dadoda

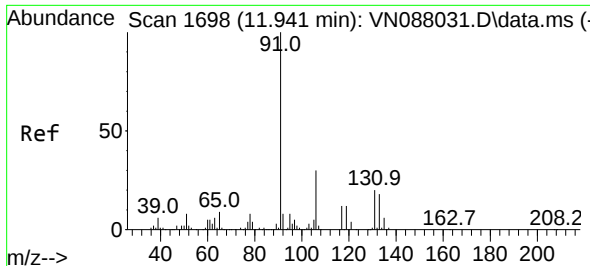
10/10/2025



#64
Chlorobenzene
Concen: 5.142 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN088030.D
Acq: 08 Oct 2025 09:34

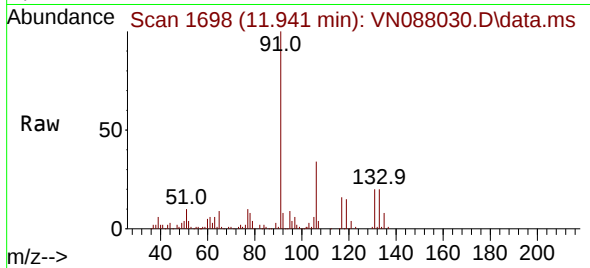
Tgt Ion:112 Resp: 64403
Ion Ratio Lower Upper
112 100
114 27.4 25.7 38.5





#65
1,1,1,2-Tetrachloroethane
Concen: 5.096 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088030.D
Acq: 08 Oct 2025 09:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



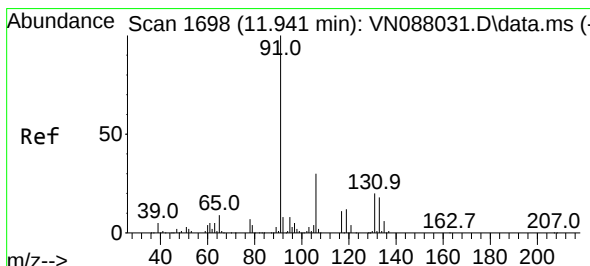
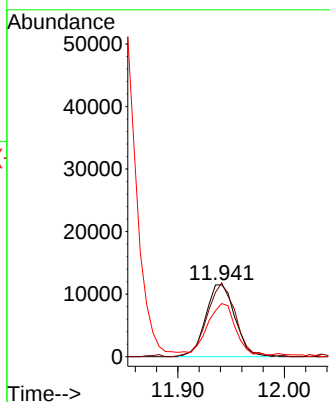
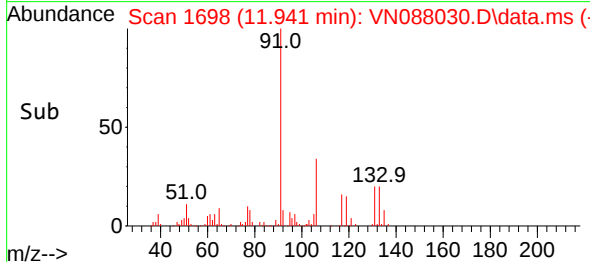
Tgt Ion	Ratio	Lower	Upper
131	100		
133	98.9	0.0	183.8
119	70.6	0.0	132.0

Manual Integrations
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Reviewed By :John
Carlone

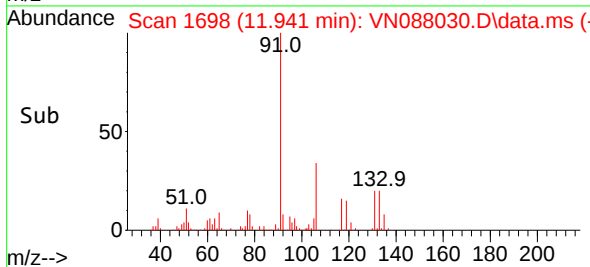
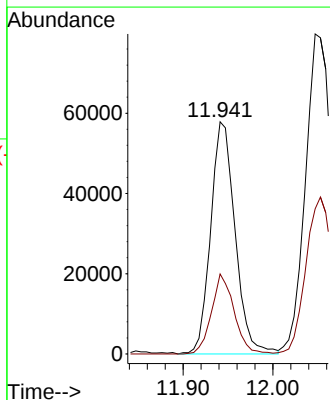
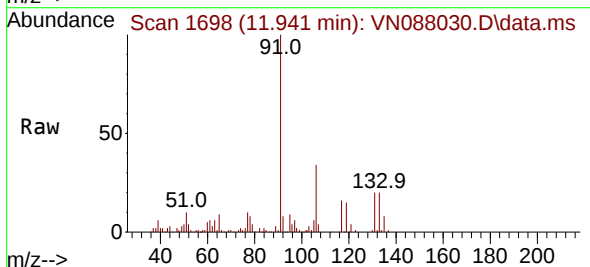
10/09/2025
Supervised By :Mahesh
Dadoda

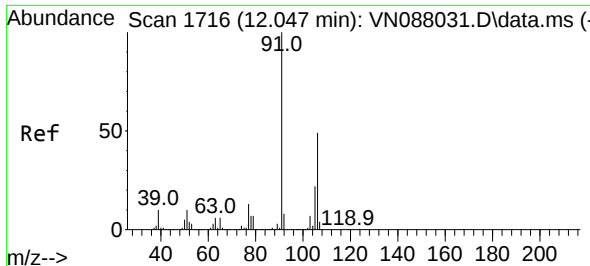
10/10/2025



#66
Ethyl Benzene
Concen: 5.140 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088030.D
Acq: 08 Oct 2025 09:34

Tgt Ion	Ratio	Lower	Upper
91	100		
106	34.5	24.0	36.0





#67
m/p-Xylenes
Concen: 10.213 ug/l
RT: 12.053 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VN088030.D
Acq: 08 Oct 2025 09:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

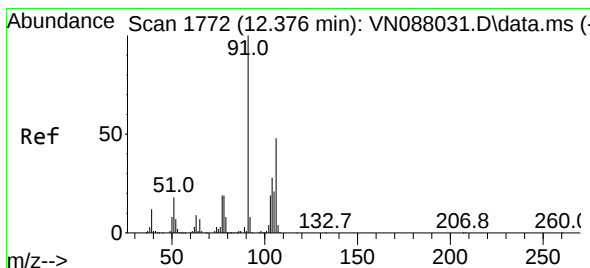
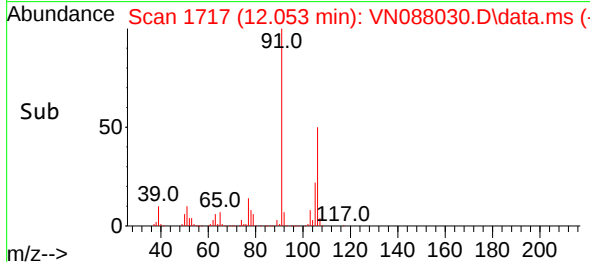
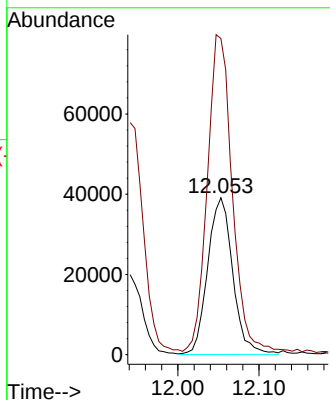
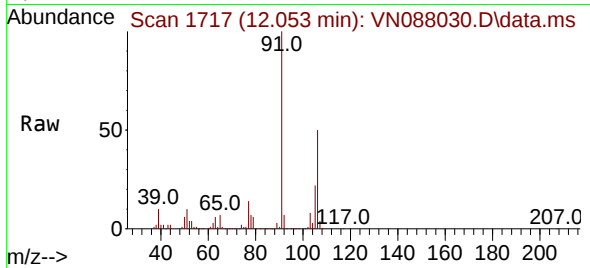
Tgt Ion:106 Resp: 83940
Ion Ratio Lower Upper
106 100
91 201.4 161.4 242.0

Manual Integrations
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Reviewed By :John
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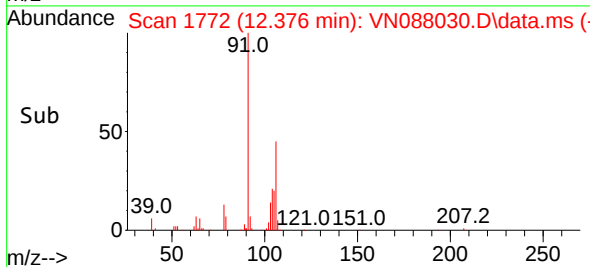
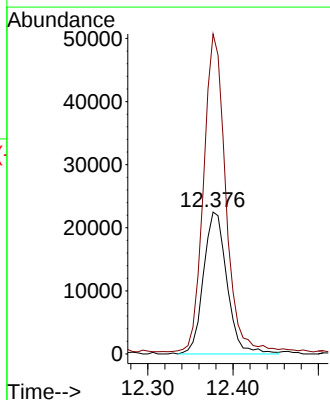
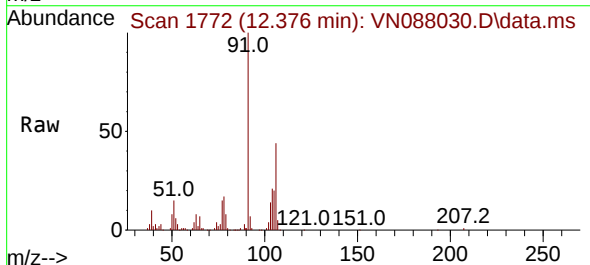
10/09/2025
Supervised By :Mahesh
Dadoda

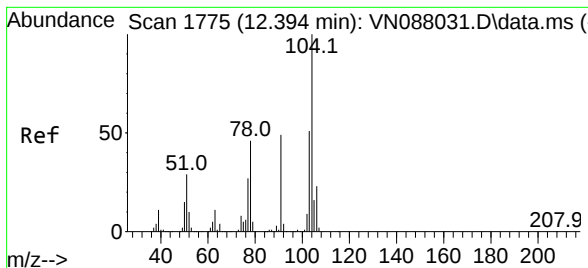
10/10/2025



#68
o-Xylene
Concen: 5.254 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN088030.D
Acq: 08 Oct 2025 09:34

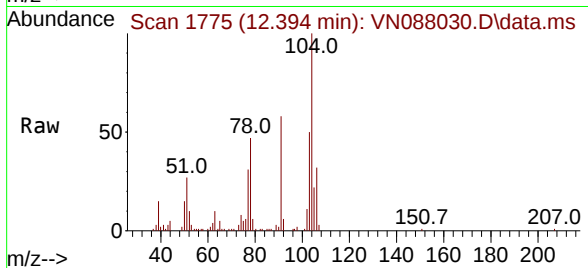
Tgt Ion:106 Resp: 42988
Ion Ratio Lower Upper
106 100
91 207.6 105.2 315.6





#69
Styrene
Concen: 4.917 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN088030.D
Acq: 08 Oct 2025 09:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



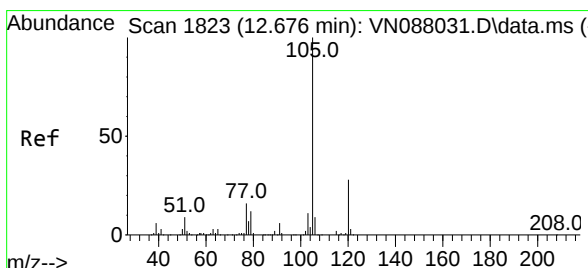
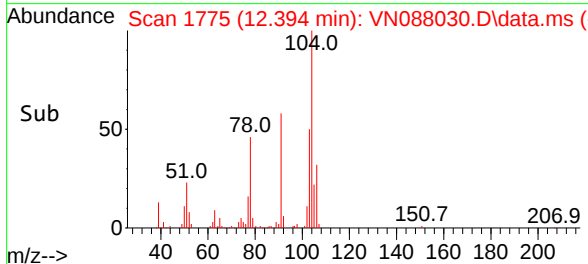
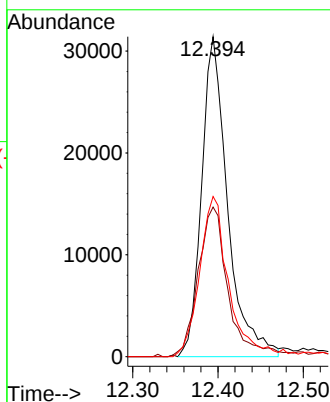
Tgt Ion:104 Resp: 66550
Ion Ratio Lower Upper
104 100
78 52.1 41.8 62.6
103 54.4 44.9 67.3

Manual Integrations
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Reviewed By :John
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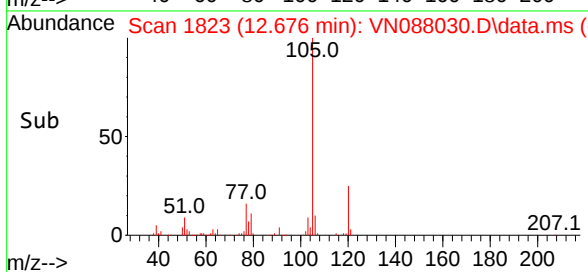
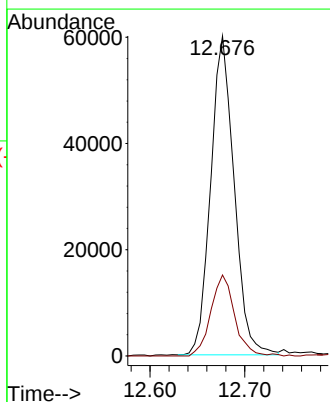
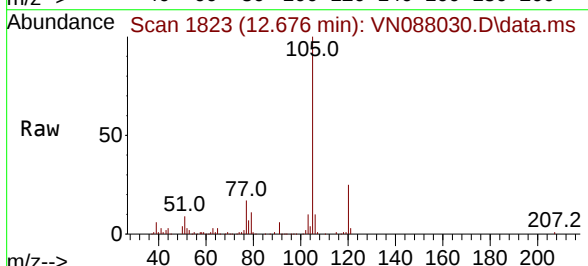
10/09/2025
Supervised By :Mahesh
Dadoda

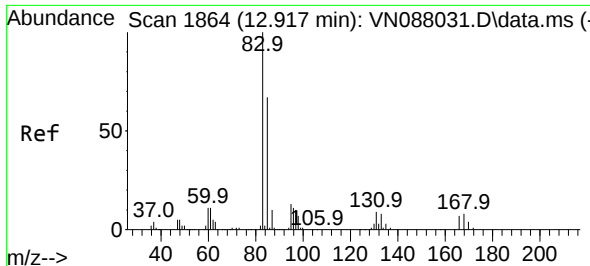
10/10/2025



#70
Isopropylbenzene
Concen: 5.146 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. 0.000 min
Lab File: VN088030.D
Acq: 08 Oct 2025 09:34

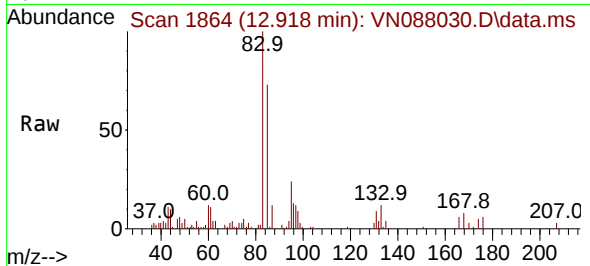
Tgt Ion:105 Resp: 103205
Ion Ratio Lower Upper
105 100
120 25.5 19.1 35.5





#71
1,1,2,2-Tetrachloroethane
Concen: 5.250 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN088030.D
Acq: 08 Oct 2025 09:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



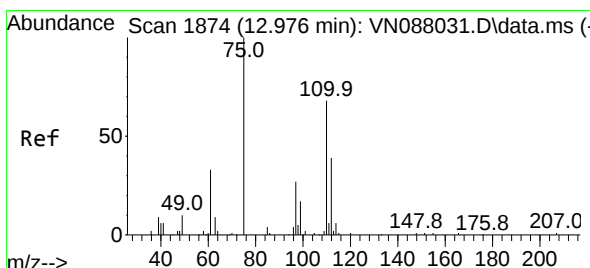
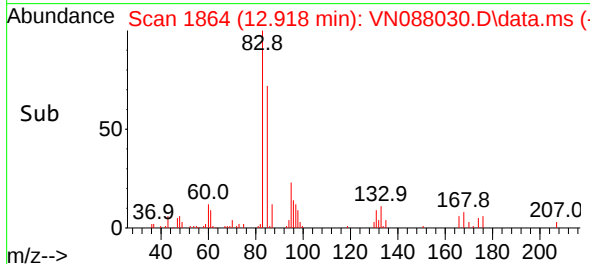
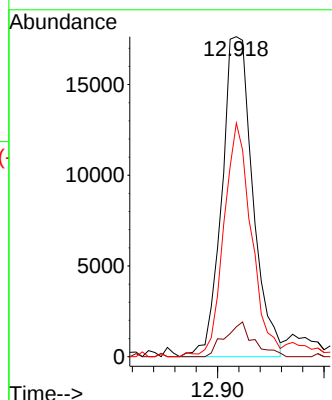
Tgt Ion: 83 Resp: 35698
Ion Ratio Lower Upper
83 100
131 9.5 4.8 14.3
85 64.5 32.4 97.2

Manual Integrations
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Reviewed By :John
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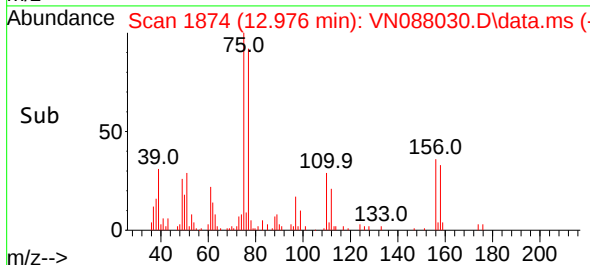
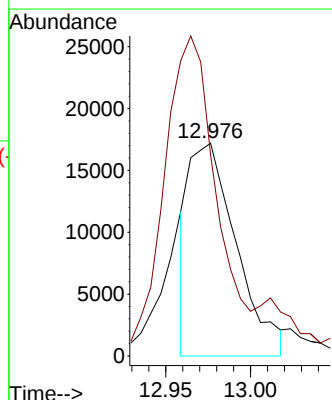
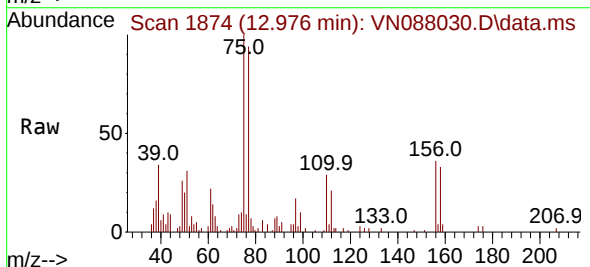
10/09/2025
Supervised By :Mahesh
Dadoda

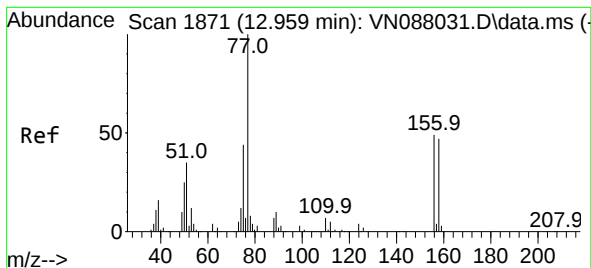
10/10/2025



#72
1,2,3-Trichloropropane
Concen: 5.064 ug/l m
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN088030.D
Acq: 08 Oct 2025 09:34

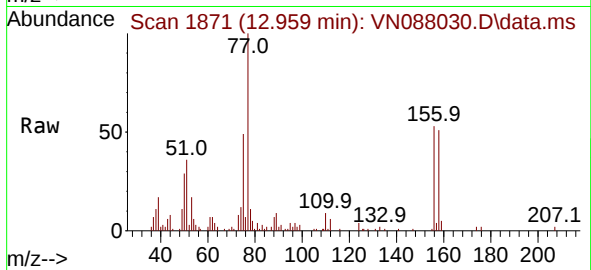
Tgt Ion: 75 Resp: 33421
Ion Ratio Lower Upper
75 100
77 162.3 0.0 364.0





#73
Bromobenzene
Concen: 5.068 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN088030.D
Acq: 08 Oct 2025 09:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



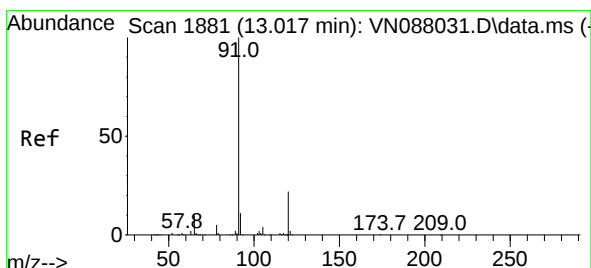
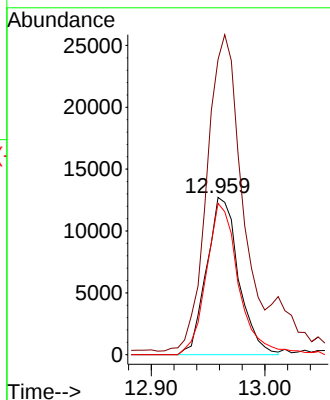
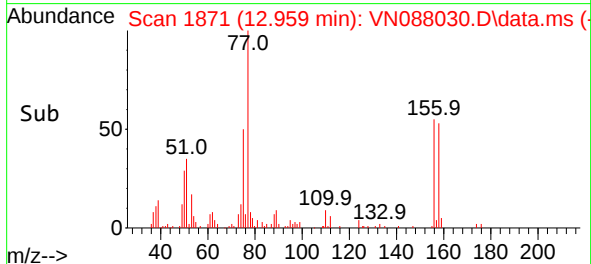
Tgt Ion:156 Resp: 24839
Ion Ratio Lower Upper
156 100
77 218.3 0.0 439.8
158 97.5 0.0 190.0

Manual Integrations
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Reviewed By :John
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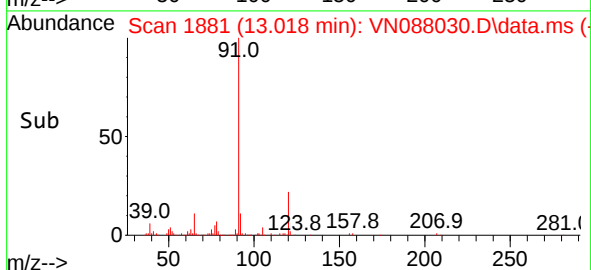
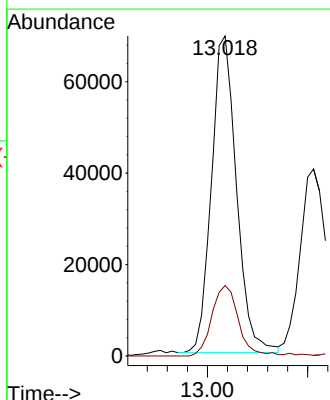
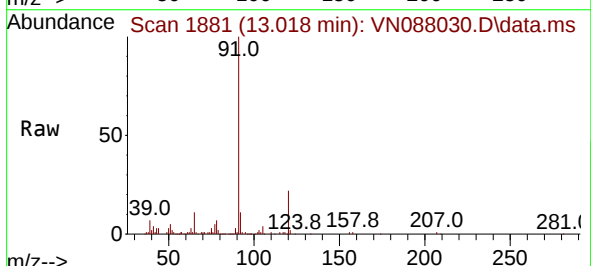
10/09/2025
Supervised By :Mahesh
Dadoda

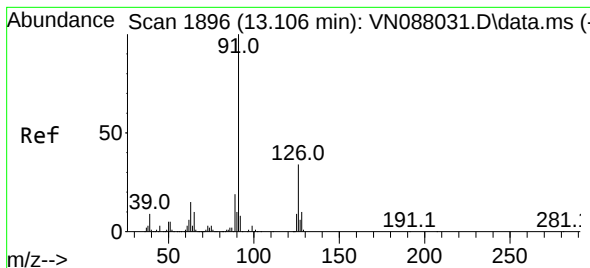
10/10/2025



#74
n-propylbenzene
Concen: 4.971 ug/l
RT: 13.018 min Scan# 1881
Delta R.T. 0.000 min
Lab File: VN088030.D
Acq: 08 Oct 2025 09:34

Tgt Ion: 91 Resp: 120356
Ion Ratio Lower Upper
91 100
120 23.1 0.0 46.2





#75
2-Chlorotoluene
Concen: 5.055 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN088030.D
Acq: 08 Oct 2025 09:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

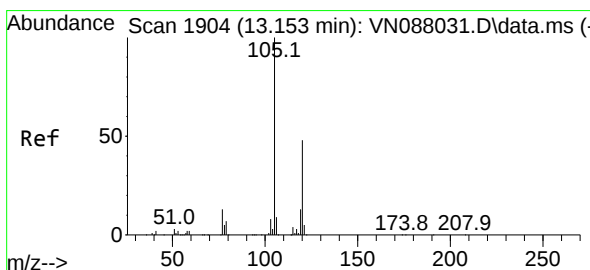
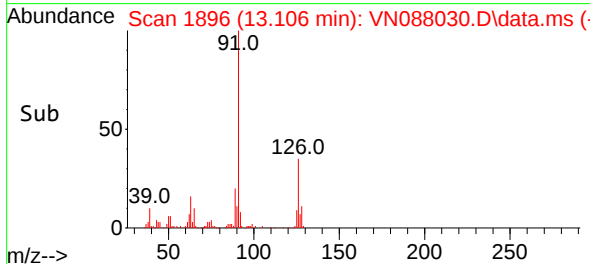
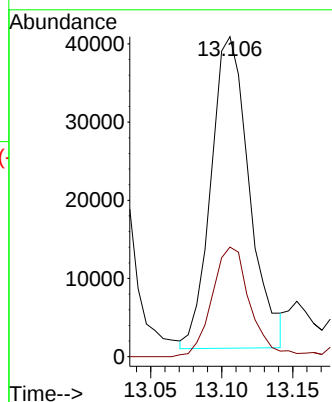
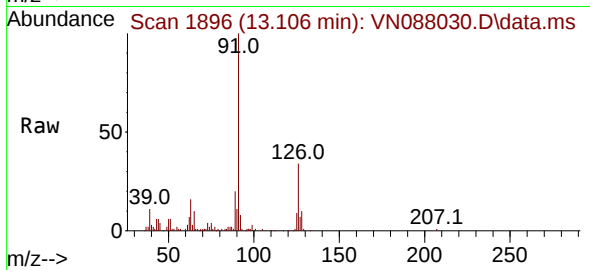
Tgt Ion: 91 Resp: 74825
Ion Ratio Lower Upper
91 100
126 34.6 0.0 66.6

Manual Integrations
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Reviewed By :John
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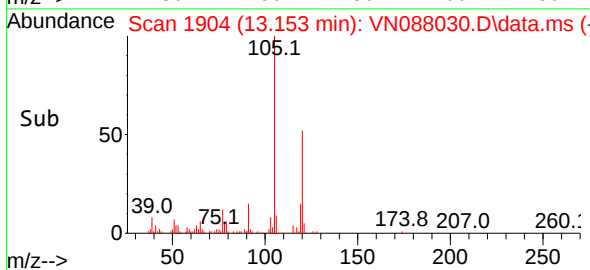
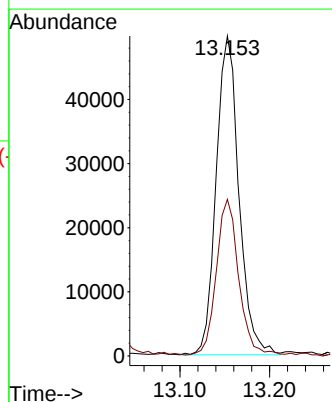
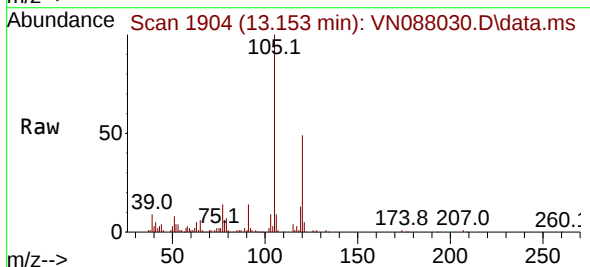
10/09/2025
Supervised By :Mahesh
Dadoda

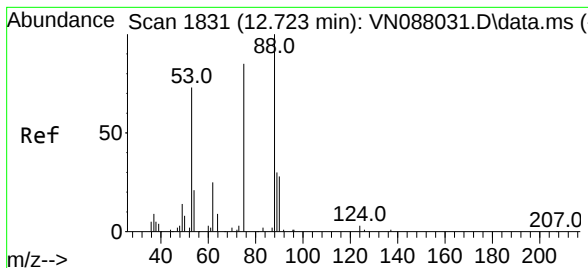
10/10/2025



#76
1,3,5-Trimethylbenzene
Concen: 5.144 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN088030.D
Acq: 08 Oct 2025 09:34

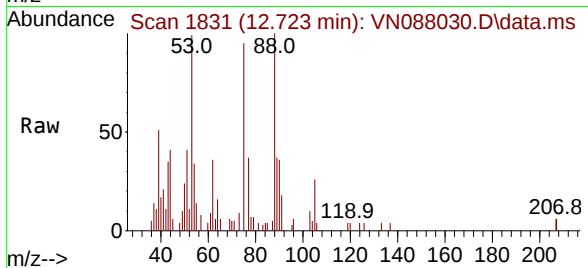
Tgt Ion:105 Resp: 87631
Ion Ratio Lower Upper
105 100
120 48.1 0.0 100.6





#77
t-1,4-Dichloro-2-butene
Concen: 4.776 ug/l m
RT: 12.723 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN088030.D
Acq: 08 Oct 2025 09:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



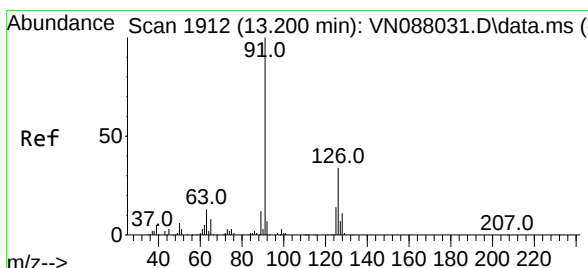
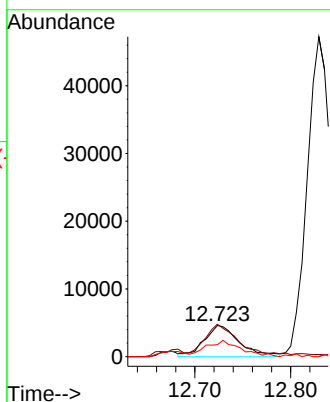
Tgt Ion: 75 Resp: 1166
Ion Ratio Lower Upper
75 100
53 104.2 41.8 125.3
89 38.7 19.9 59.6

Manual Integrations
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Reviewed By :John
Carlone

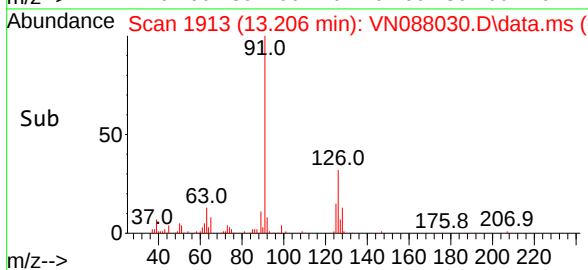
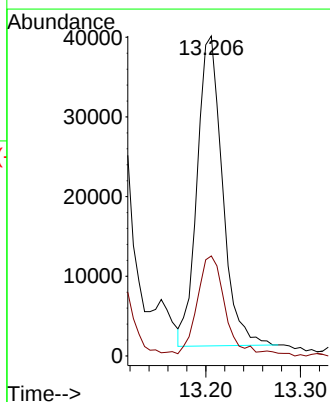
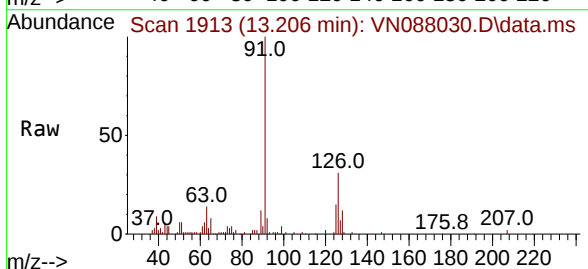
10/09/2025
Supervised By :Mahesh
Dadoda

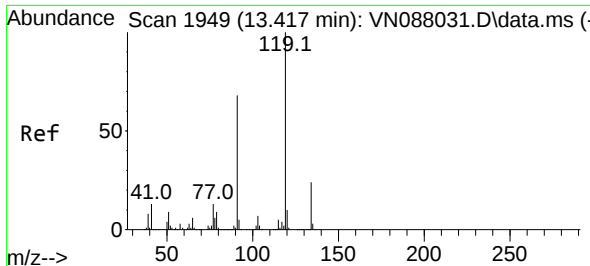
10/10/2025



#78
4-Chlorotoluene
Concen: 4.805 ug/l
RT: 13.206 min Scan# 1913
Delta R.T. 0.006 min
Lab File: VN088030.D
Acq: 08 Oct 2025 09:34

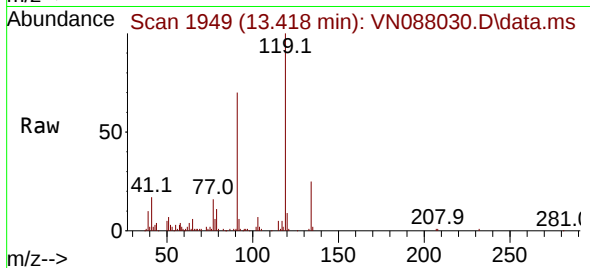
Tgt Ion: 91 Resp: 72267
Ion Ratio Lower Upper
91 100
126 34.3 0.0 68.8





#79
tert-butylbenzene
Concen: 5.053 ug/l
RT: 13.418 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VN088030.D
Acq: 08 Oct 2025 09:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



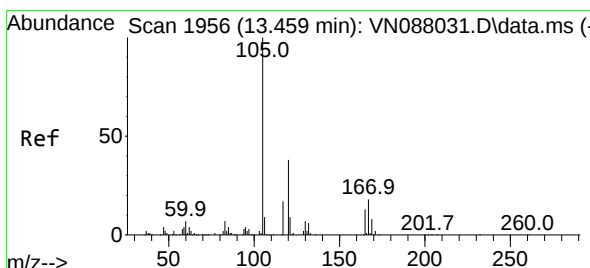
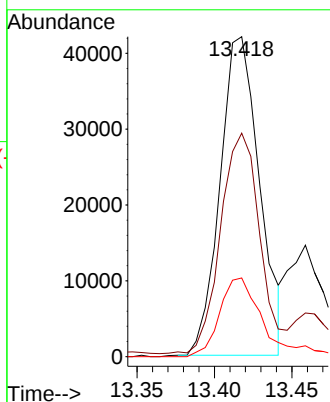
Tgt Ion:119 Resp: 7461
Ion Ratio Lower Upper
119 100
91 68.6 0.0 132.4
134 25.5 0.0 48.6

Manual Integrations
APPROVED

Reviewed By :John
Carlone

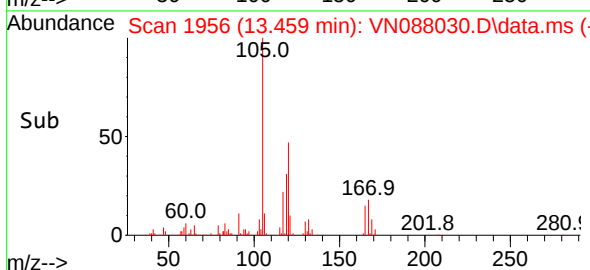
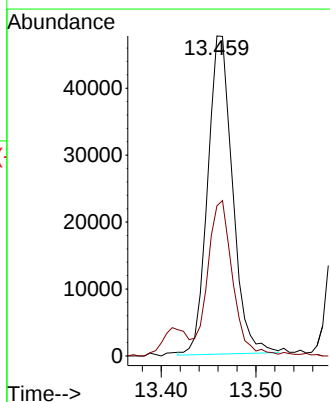
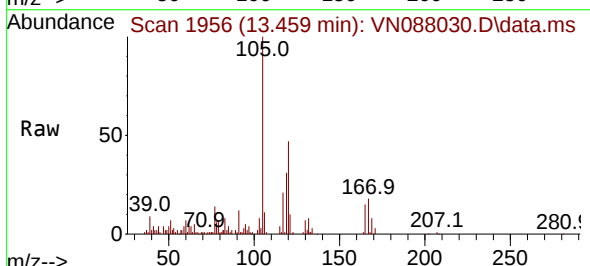
10/09/2025
Supervised By :Mahesh
Dadoda

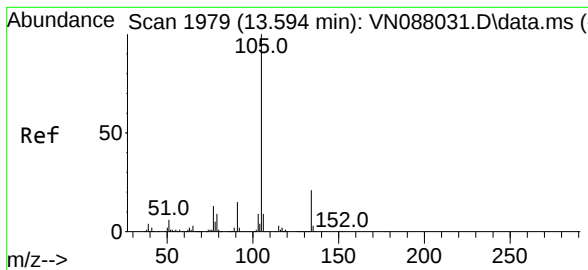
10/10/2025



#80
1,2,4-Trimethylbenzene
Concen: 5.084 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN088030.D
Acq: 08 Oct 2025 09:34

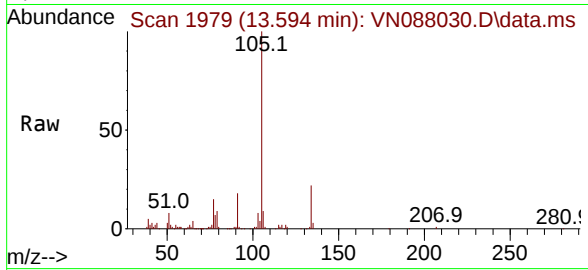
Tgt Ion:105 Resp: 86692
Ion Ratio Lower Upper
105 100
120 47.5 0.0 93.8





#81
 sec-Butylbenzene
 Concen: 5.111 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN088030.D
 Acq: 08 Oct 2025 09:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



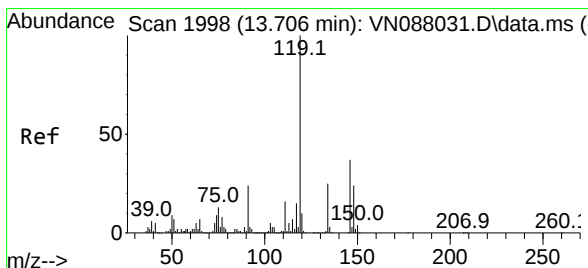
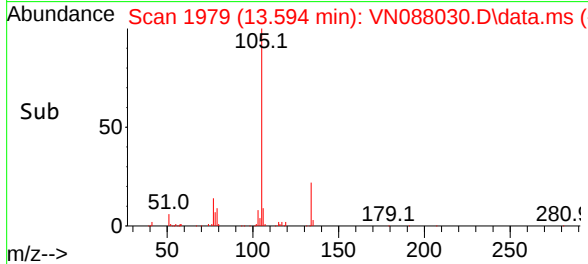
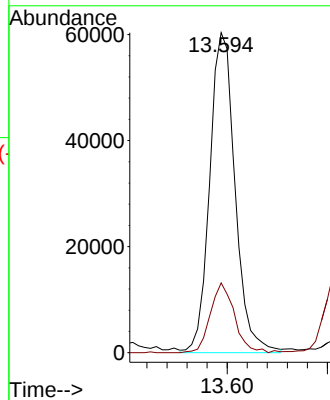
Tgt Ion:105 Resp: 106110
 Ion Ratio Lower Upper
 105 100
 134 20.4 0.0 41.2

Manual Integrations
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Reviewed By :John
 Carlone

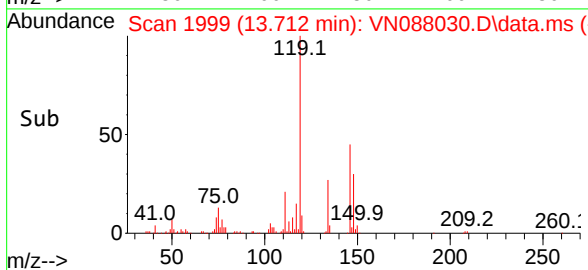
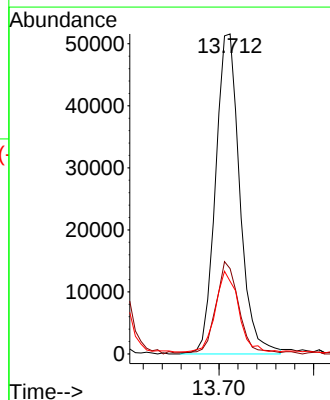
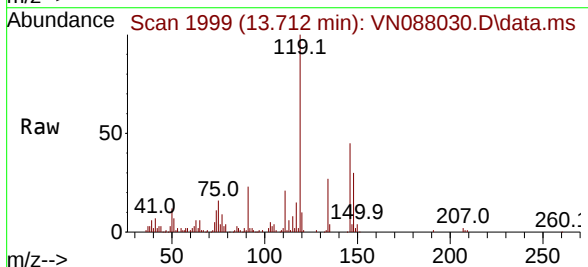
10/09/2025
 Supervised By :Mahesh
 Dadoda

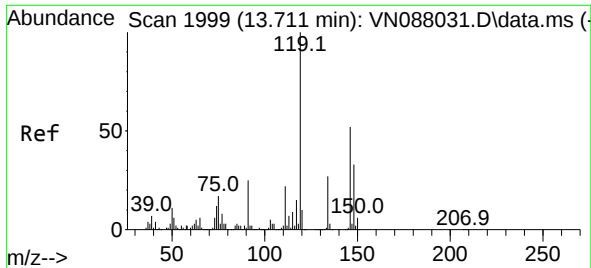
10/10/2025



#82
 p-Isopropyltoluene
 Concen: 5.168 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. 0.006 min
 Lab File: VN088030.D
 Acq: 08 Oct 2025 09:34

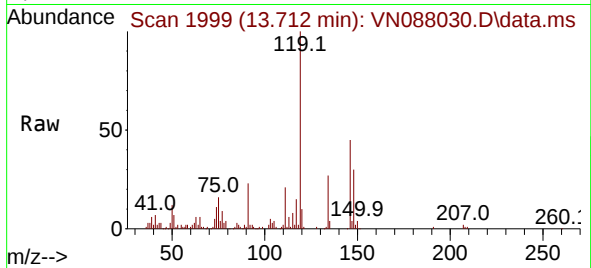
Tgt Ion:119 Resp: 91611
 Ion Ratio Lower Upper
 119 100
 134 27.5 0.0 52.6
 91 23.8 0.0 48.2





#83
1,3-Dichlorobenzene
Concen: 5.062 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN088030.D
Acq: 08 Oct 2025 09:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



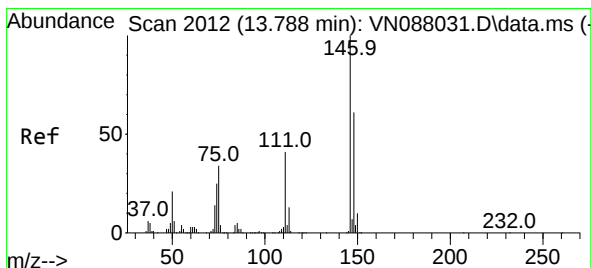
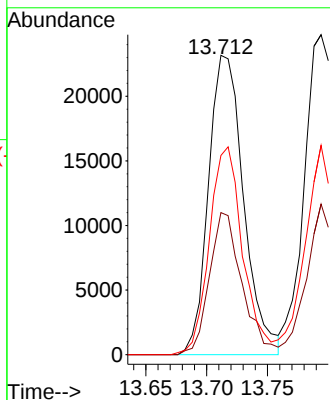
Tgt Ion:146 Resp: 46688
Ion Ratio Lower Upper
146 100
111 44.0 21.1 63.1
148 65.6 31.5 94.5

Manual Integrations
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Reviewed By :John
Carlone

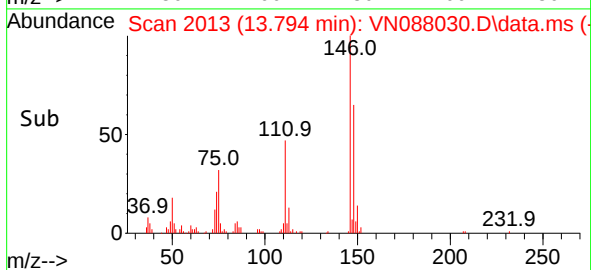
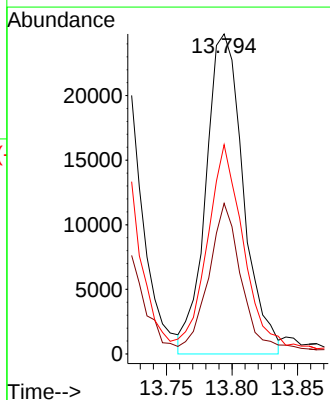
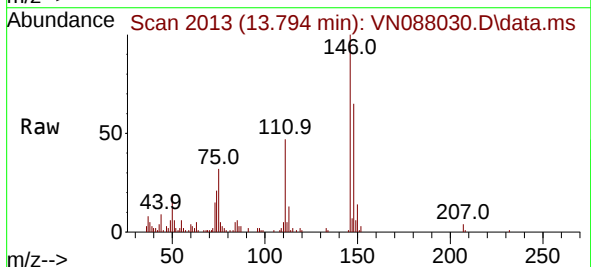
10/09/2025
Supervised By :Mahesh
Dadoda

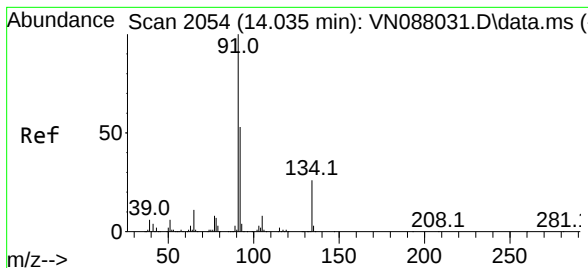
10/10/2025



#84
1,4-Dichlorobenzene
Concen: 5.180 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN088030.D
Acq: 08 Oct 2025 09:34

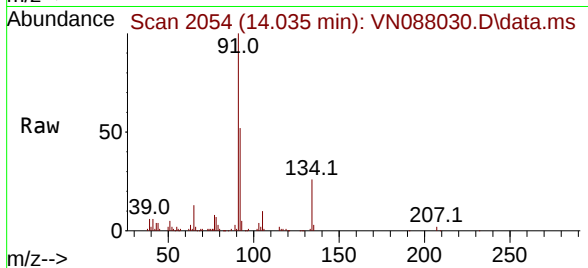
Tgt Ion:146 Resp: 49265
Ion Ratio Lower Upper
146 100
111 41.5 20.5 61.6
148 64.9 31.9 95.9





#85
n-Butylbenzene
Concen: 5.013 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN088030.D
Acq: 08 Oct 2025 09:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



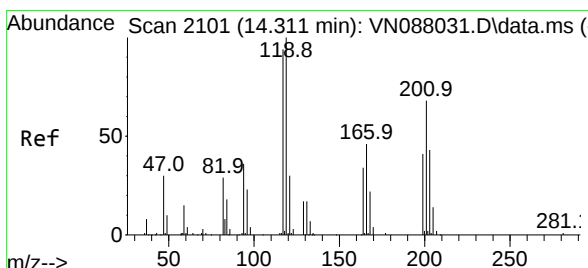
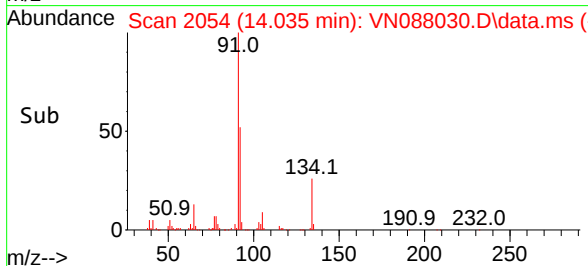
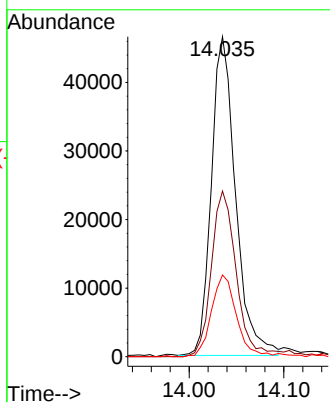
Tgt Ion: 91 Resp: 8268
Ion Ratio Lower Upper
91 100
92 52.4 0.0 107.6
134 26.2 0.0 52.6

Manual Integrations
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Reviewed By :John
Carlone

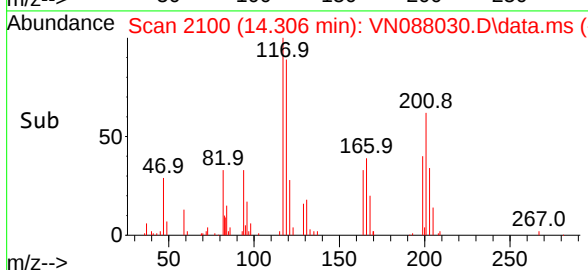
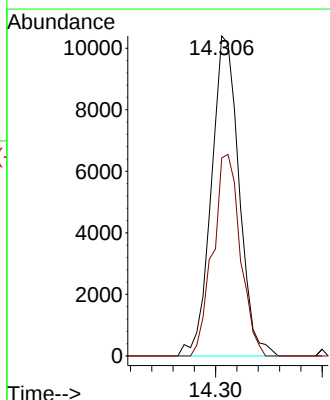
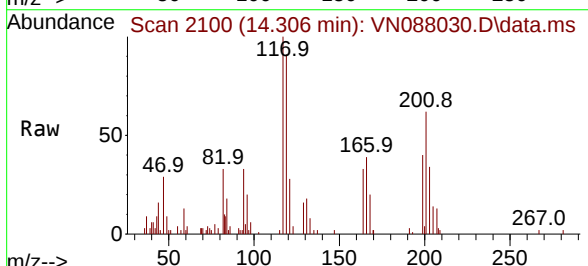
10/09/2025
Supervised By :Mahesh
Dadoda

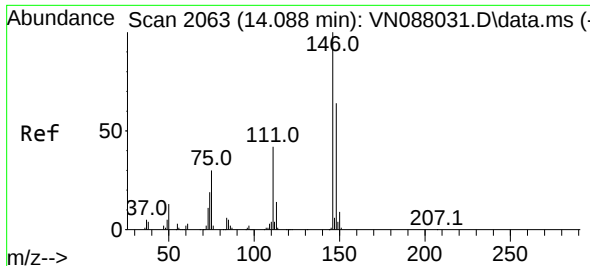
10/10/2025



#86
Hexachloroethane
Concen: 5.286 ug/l
RT: 14.306 min Scan# 2100
Delta R.T. -0.006 min
Lab File: VN088030.D
Acq: 08 Oct 2025 09:34

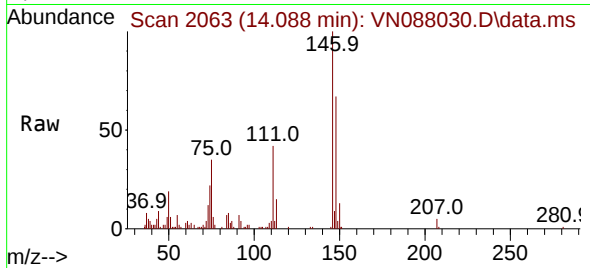
Tgt Ion:117 Resp: 18772
Ion Ratio Lower Upper
117 100
201 62.3 34.8 104.3





#87
1,2-Dichlorobenzene
Concen: 5.217 ug/l
RT: 14.088 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VN088030.D
Acq: 08 Oct 2025 09:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



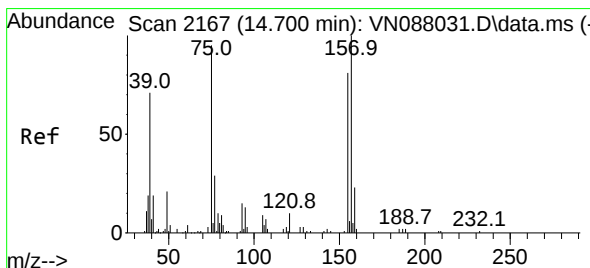
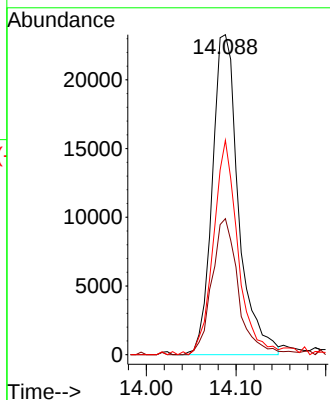
Tgt Ion:146 Resp: 4732
Ion Ratio Lower Upper
146 100
111 42.5 22.3 66.8
148 62.4 31.4 94.3

Manual Integrations
APPROVED

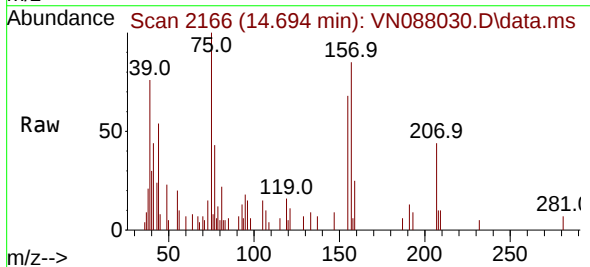
Reviewed By :John
Carlone

10/09/2025
Supervised By :Mahesh
Dadoda

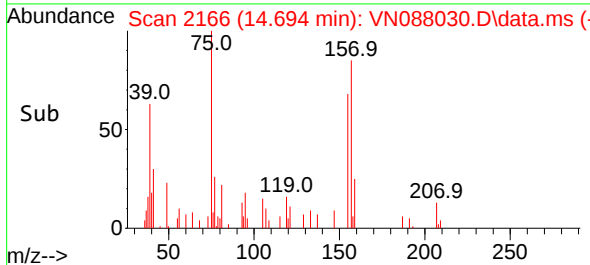
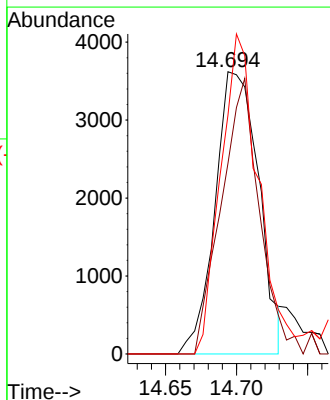
10/10/2025

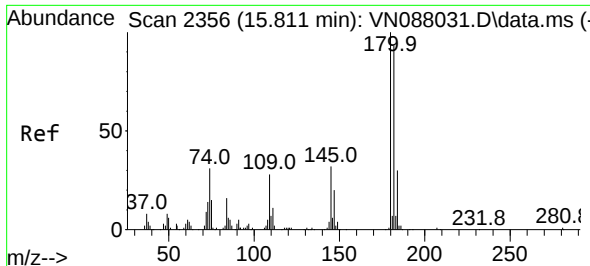


#88
1,2-Dibromo-3-Chloropropane
Concen: 4.938 ug/l
RT: 14.694 min Scan# 2166
Delta R.T. -0.006 min
Lab File: VN088030.D
Acq: 08 Oct 2025 09:34



Tgt Ion: 75 Resp: 7710
Ion Ratio Lower Upper
75 100
155 85.5 63.5 95.3
157 98.3 81.7 122.5





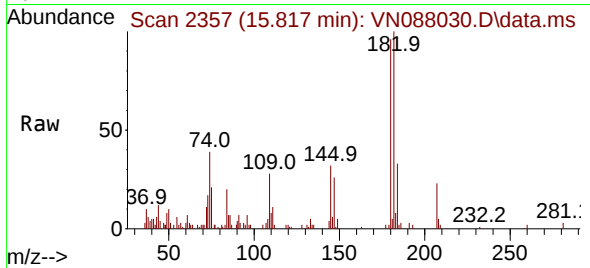
#89
1,2,4-Trichlorobenzene
Concen: 4.978 ug/l
RT: 15.817 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN088030.D
Acq: 08 Oct 2025 09:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005



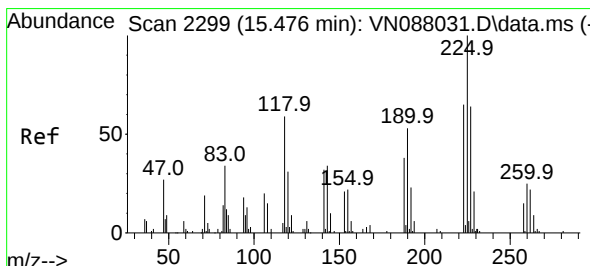
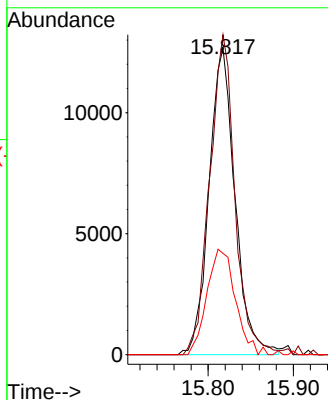
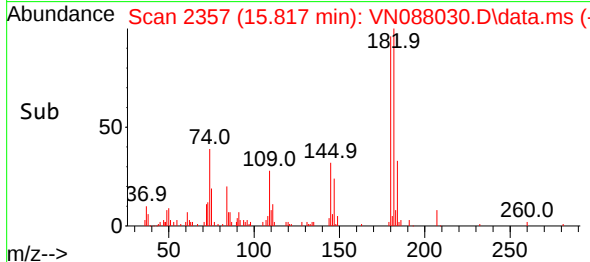
Tgt Ion:180 Resp: 2689
Ion Ratio Lower Upper
180 100
182 101.2 74.6 112.0
145 37.3 27.2 40.8

Manual Integrations
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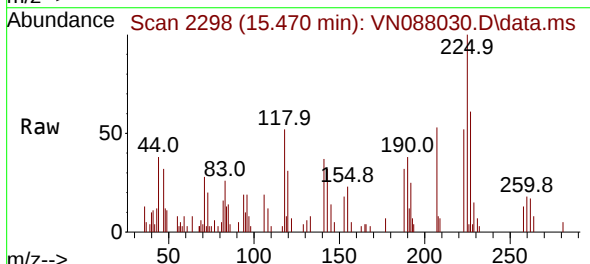
Reviewed By :John
Carlone

10/09/2025
Supervised By :Mahesh
Dadoda

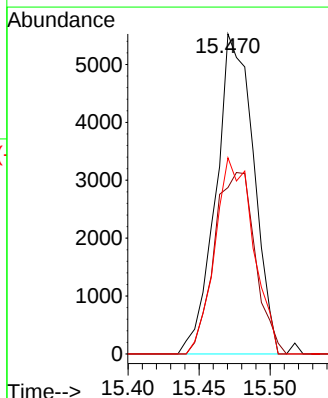
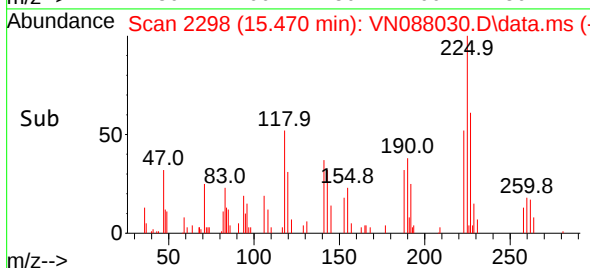
10/10/2025

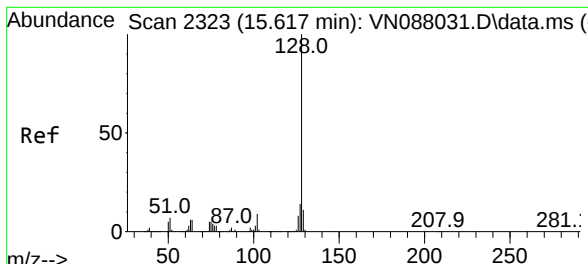


#90
Hexachlorobutadiene
Concen: 5.417 ug/l
RT: 15.470 min Scan# 2298
Delta R.T. -0.006 min
Lab File: VN088030.D
Acq: 08 Oct 2025 09:34



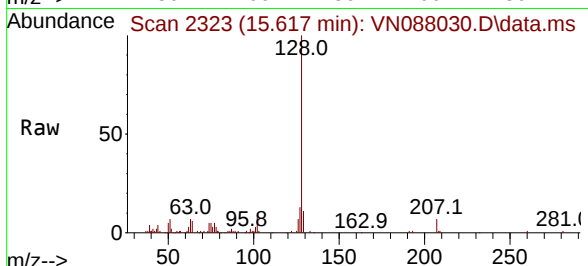
Tgt Ion:225 Resp: 10187
Ion Ratio Lower Upper
225 100
223 61.6 0.0 129.6
227 62.4 0.0 132.2





#91
Naphthalene
Concen: 4.924 ug/l
RT: 15.617 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VN088030.D
Acq: 08 Oct 2025 09:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



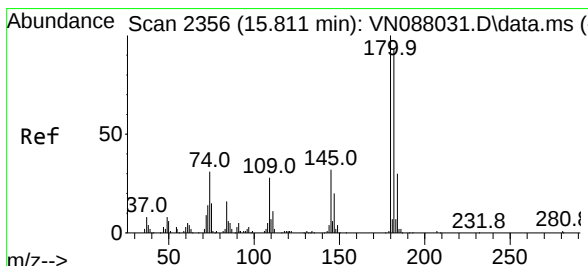
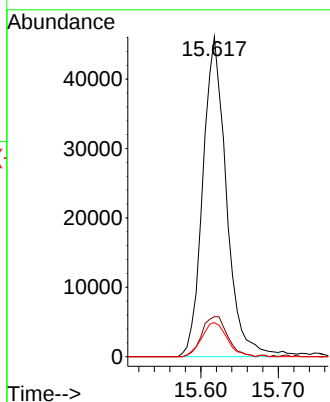
Tgt Ion:128 Resp: 9740
Ion Ratio Lower Upper
128 100
127 13.6 10.3 15.5
129 11.5 8.6 13.0

Manual Integrations
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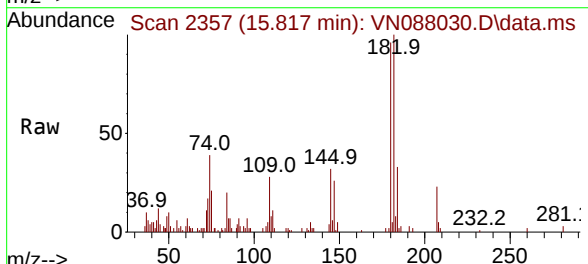
Reviewed By :John
Carlone

10/09/2025
Supervised By :Mahesh
Dadoda

10/10/2025



#92
1,2,3-Trichlorobenzene
Concen: 4.978 ug/l
RT: 15.817 min Scan# 2357
Delta R.T. 0.006 min
Lab File: VN088030.D
Acq: 08 Oct 2025 09:34



Tgt Ion:180 Resp: 26899
Ion Ratio Lower Upper
180 100
182 101.2 0.0 186.6
145 37.3 0.0 68.0

