

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100925\
 Data File : VN088048.D
 Acq On : 09 Oct 2025 09:15
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Quant Time: Oct 10 00:45:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100825W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 09 02:36:32 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone

10/10/2025
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Bromochloromethane	7.794	128	67648	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	367941	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.841	117	329849	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	158274	30.046	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.167%
60) 4-Bromofluorobenzene	12.829	95	161117	29.629	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	98.767%
63) Toluene-d8	10.541	98	452355	30.780	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.600%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	79168	20.432	ug/l	97
3) Chloromethane	2.383	50	82660	18.817	ug/l	98
4) Vinyl Chloride	2.536	62	87682	19.143	ug/l	99
5) Bromomethane	2.983	94	48430	19.663	ug/l	97
6) Chloroethane	3.142	64	58319	19.301	ug/l	95
7) Trichlorofluoromethane	3.512	101	122267	19.630	ug/l	100
8) Diethyl Ether	3.953	74	53562	19.032	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	65209m	19.557	ug/l	
10) 1,1-Dichloroethene	4.342	96	70498	19.820	ug/l	93
11) Methyl Iodide	4.577	142	49807m	15.194	ug/l	
12) Methyl Acetate	5.012	43	104907	18.143	ug/l	90
13) Acrolein	4.177	56	87557	97.849	ug/l #	2
14) Acrylonitrile	5.706	53	245677	88.041	ug/l	99
15) Acetone	4.418	58	72341	88.522	ug/l	99
16) Carbon Disulfide	4.700	76	215981	19.370	ug/l	99
17) Allyl chloride	5.006	41	126007	18.774	ug/l	96
18) Methylene Chloride	5.259	84	84554	18.704	ug/l	93
19) trans-1,2-Dichloroethene	5.777	96	77301	18.797	ug/l	91
20) Diisopropyl ether	6.659	45	288704	18.894	ug/l	96
21) 1,1-Dichloroethane	6.553	63	153012	19.236	ug/l	97
22) cis-1,2-Dichloroethene	7.471	96	97222	18.886	ug/l	98
23) tert-Butyl Alcohol	5.512	59	95076	84.953	ug/l #	100
24) Methyl tert-Butyl Ether	5.783	73	285826	18.617	ug/l	100
25) Chloroform	7.947	83	154082	18.771	ug/l	97
26) Cyclohexane	8.236	56	128457	19.491	ug/l #	96
29) 1,1-Dichloropropene	8.353	75	107195	20.325	ug/l	97
30) 2-Butanone	7.471	43	353168	90.794	ug/l	99
31) 2,2-Dichloropropane	7.471	77	133683	19.672	ug/l	99
32) 1,1,1-Trichloroethane	8.147	97	131237	19.914	ug/l	98
33) Carbon Tetrachloride	8.341	117	110163	19.957	ug/l	98
34) Benzene	8.588	78	337986	19.321	ug/l	97
35) Methacrylonitrile	7.765	41	72255	17.664	ug/l	96
36) 1,2-Dichloroethane	8.653	62	119818	19.729	ug/l #	88
37) Trichloroethene	9.330	130	81261	19.606	ug/l	97
38) Methylcyclohexane	9.582	83	131726	20.225	ug/l	97
39) 1,2-Dichloropropane	9.600	63	84715	19.313	ug/l	98
40) Dibromomethane	9.688	93	62349	19.527	ug/l	96
41) Bromodichloromethane	9.871	83	124807	19.139	ug/l	98
42) Vinyl Acetate	6.589	43	1325865	100.055	ug/l	97

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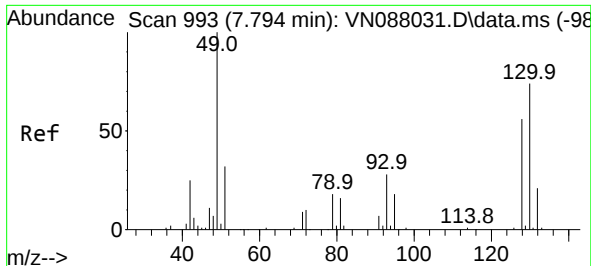
Manual Integrations APPROVED

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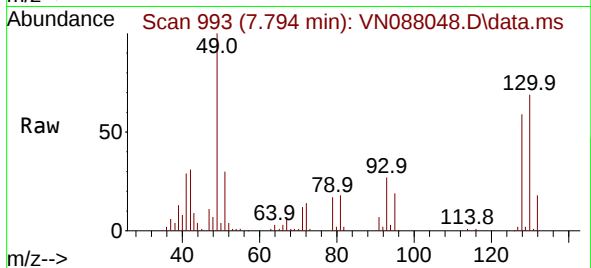
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.547	43	135992	18.187	ug/l	100
44) Isopropyl Acetate	8.671	43	227382	18.619	ug/l	97
45) 1,4-Dioxane	9.682	88	30704	378.013	ug/l	98
46) Methyl methacrylate	9.659	41	103746	19.290	ug/l	98
47) n-amyl Acetate	12.588	43	125819m	21.736	ug/l	
48) t-1,3-Dichloropropene	10.812	75	137624	18.979	ug/l	99
49) cis-1,3-Dichloropropene	10.288	75	143971	19.034	ug/l	93
50) 1,1,2-Trichloroethane	10.994	97	81367	19.243	ug/l	97
51) Ethyl methacrylate	10.853	69	132633	18.535	ug/l	96
52) 1,3-Dichloropropane	11.141	76	143535	19.457	ug/l	98
53) Dibromochloromethane	11.335	129	96503	19.091	ug/l	98
54) 1,2-Dibromoethane	11.447	107	84706	18.738	ug/l	97
55) 2-Chloroethyl vinyl ether	10.135	63	340146	88.062	ug/l	99
56) Bromoform	12.559	173	60439	17.685	ug/l	97
58) 4-Methyl-2-Pentanone	10.424	43	678061	91.904	ug/l	100
59) 2-Hexanone	11.176	43	457029	93.823	ug/l	100
61) Tetrachloroethene	11.082	164	63977	19.153	ug/l	90
62) Toluene	10.606	91	364042	19.457	ug/l	100
64) Chlorobenzene	11.871	112	229791	19.228	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.941	131	80288	19.495	ug/l	99
66) Ethyl Benzene	11.941	91	398296	19.577	ug/l	99
67) m/p-Xylenes	12.047	106	303975	38.757	ug/l	98
68) o-Xylene	12.376	106	152756	19.565	ug/l	100
69) Styrene	12.388	104	248017	19.203	ug/l	99
70) Isopropylbenzene	12.671	105	377225	19.713	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.918	83	120874	18.631	ug/l	100
72) 1,2,3-Trichloropropane	12.970	75	114564m	19.014	ug/l	
73) Bromobenzene	12.959	156	87046	18.611	ug/l	95
74) n-propylbenzene	13.012	91	449438	19.456	ug/l	100
75) 2-Chlorotoluene	13.100	91	273420	19.357	ug/l	99
76) 1,3,5-Trimethylbenzene	13.153	105	319230	19.639	ug/l	98
77) t-1,4-Dichloro-2-butene	12.718	75	40956	17.057	ug/l	96
78) 4-Chlorotoluene	13.200	91	272264	18.973	ug/l	100
79) tert-butylbenzene	13.412	119	280687	19.919	ug/l	99
80) 1,2,4-Trimethylbenzene	13.459	105	318421	19.568	ug/l	99
81) sec-Butylbenzene	13.594	105	392029	19.787	ug/l	98
82) p-Isopropyltoluene	13.706	119	331239	19.582	ug/l	99
83) 1,3-Dichlorobenzene	13.712	146	169131	19.219	ug/l	99
84) 1,4-Dichlorobenzene	13.788	146	171129	18.856	ug/l	98
85) n-Butylbenzene	14.035	91	309983	19.698	ug/l	98
86) Hexachloroethane	14.306	117	61464	18.139	ug/l	97
87) 1,2-Dichlorobenzene	14.082	146	163922	18.938	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.700	75	26719	17.932	ug/l	97
89) 1,2,4-Trichlorobenzene	15.811	180	93007	18.039	ug/l	99
90) Hexachlorobutadiene	15.476	225	33508	18.674	ug/l	96
91) Naphthalene	15.611	128	345337	18.295	ug/l	99
92) 1,2,3-Trichlorobenzene	15.811	180	93007	18.039	ug/l	99

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.794 min Scan# 993
Delta R.T. 0.000 min
Lab File: VN088048.D
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MSVOA_N
ClientSampleId :
VSTDCCC020



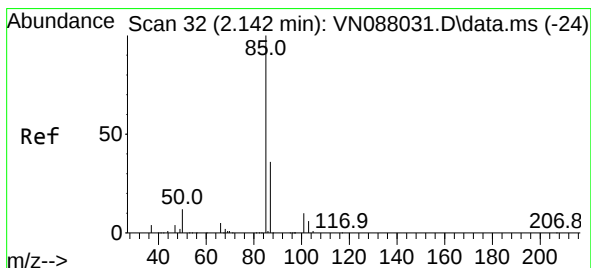
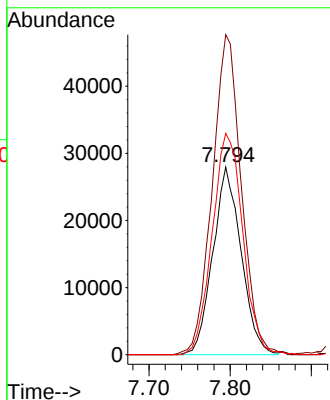
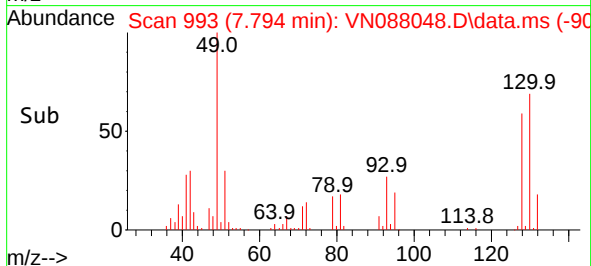
Tgt Ion:128 Resp: 67648
Ion Ratio Lower Upper
128 100
49 174.9 0.0 439.8
130 127.7 0.0 325.8

Manual Integrations
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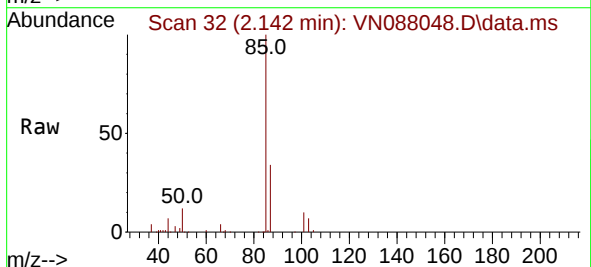
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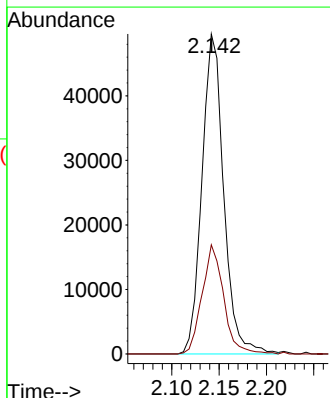
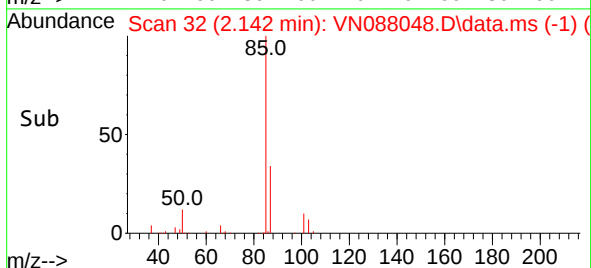
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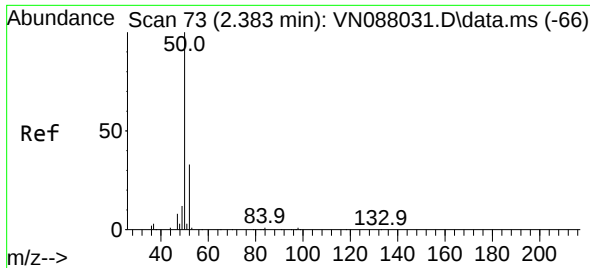


#2
Dichlorodifluoromethane
Concen: 20.432 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN088048.D
Acq: 09 Oct 2025 09:15



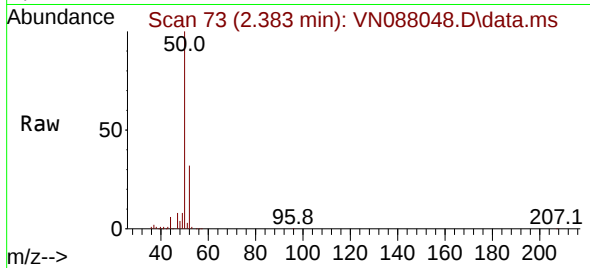
Tgt Ion: 85 Resp: 79168
Ion Ratio Lower Upper
85 100
87 34.1 17.9 53.8





#3
Chloromethane
Concen: 18.817 ug/l
RT: 2.383 min Scan# 73
Delta R.T. 0.000 min
Lab File: VN088048.D
Acq: 09 Oct 2025 09:15

Instrument :
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VSTDCCC020



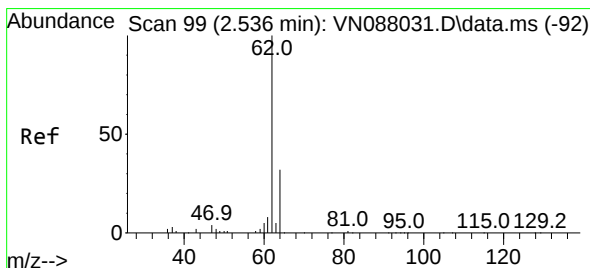
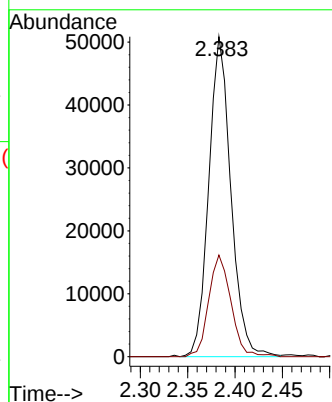
Tgt Ion: 50 Resp: 82660
Ion Ratio Lower Upper
50 100
52 31.8 26.3 39.5

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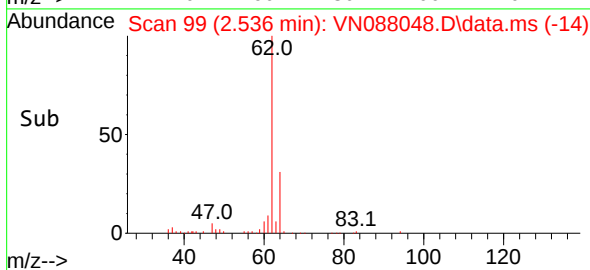
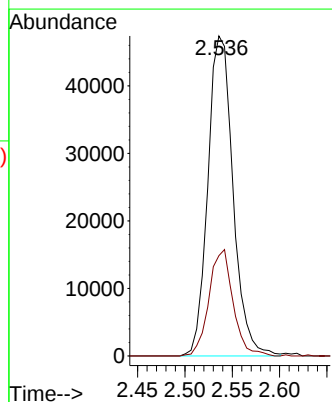
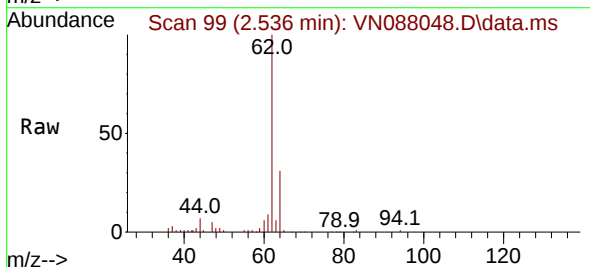
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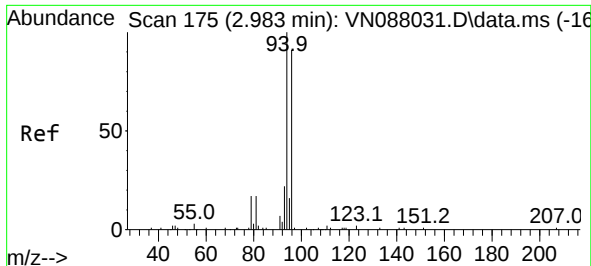
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#4
Vinyl Chloride
Concen: 19.143 ug/l
RT: 2.536 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN088048.D
Acq: 09 Oct 2025 09:15

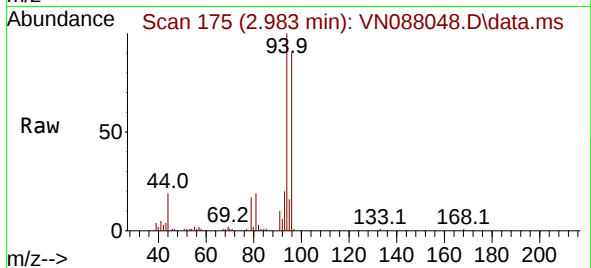
Tgt Ion: 62 Resp: 87682
Ion Ratio Lower Upper
62 100
64 31.4 25.7 38.5





#5
Bromomethane
Concen: 19.663 ug/l
RT: 2.983 min Scan# 175
Delta R.T. 0.000 min
Lab File: VN088048.D
Acq: 09 Oct 2025 09:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



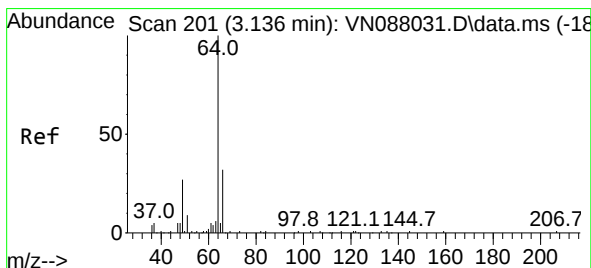
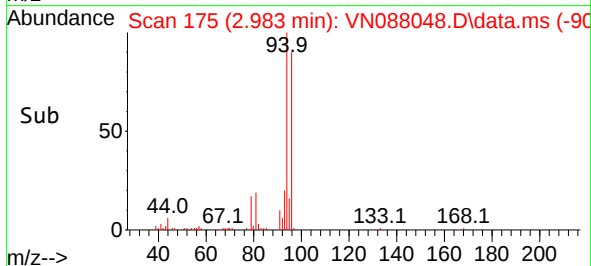
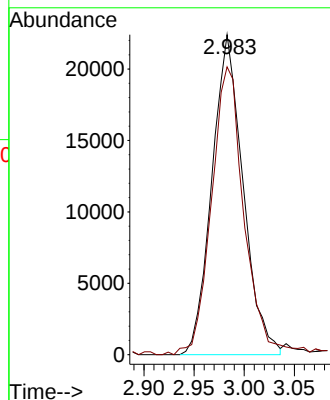
Tgt Ion: 94 Resp: 48430
Ion Ratio Lower Upper
94 100
96 88.0 73.0 109.4

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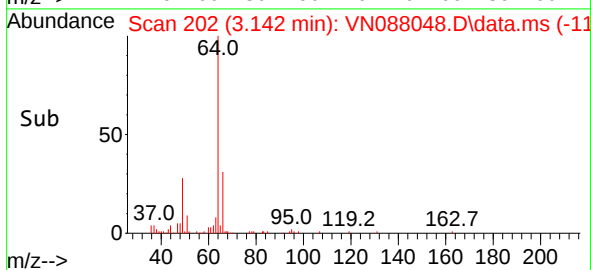
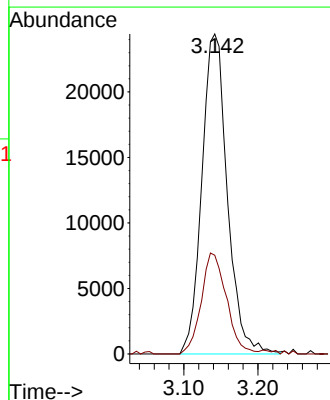
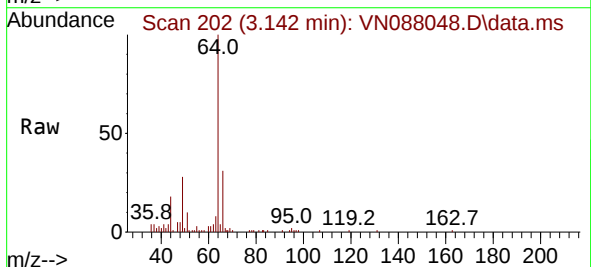
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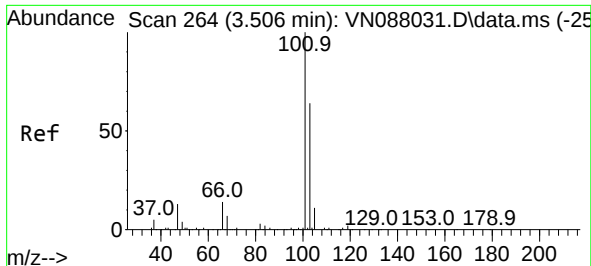
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#6
Chloroethane
Concen: 19.301 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.006 min
Lab File: VN088048.D
Acq: 09 Oct 2025 09:15

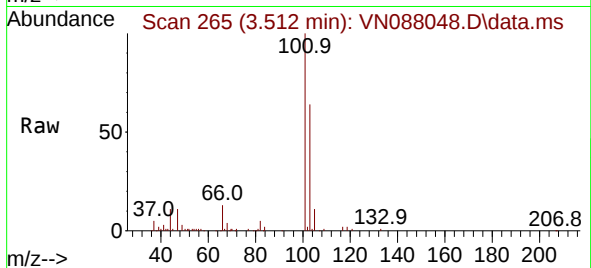
Tgt Ion: 64 Resp: 58319
Ion Ratio Lower Upper
64 100
66 30.8 26.8 40.2





#7
 Trichlorofluoromethane
 Concen: 19.630 ug/l
 RT: 3.512 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN088048.D
 Acq: 09 Oct 2025 09:15

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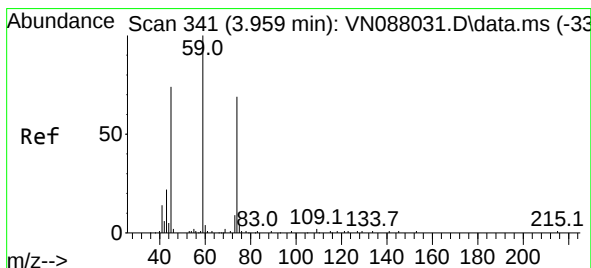
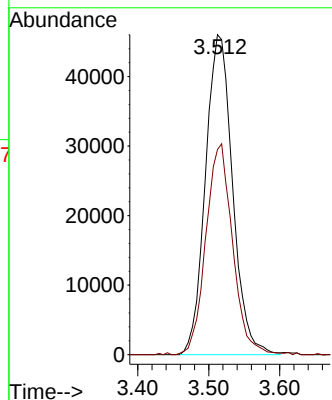
Tgt Ion:101 Resp: 12226
 Ion Ratio Lower Upper
 101 100
 103 63.6 51.0 76.4

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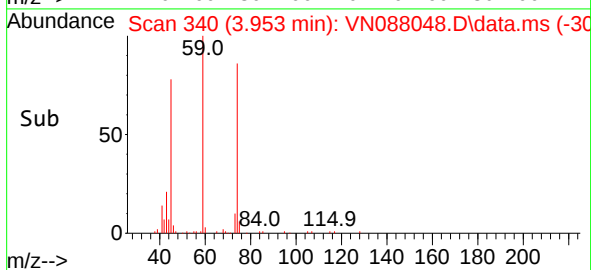
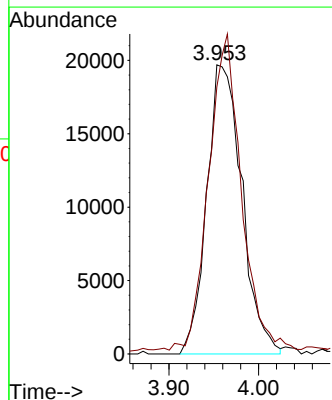
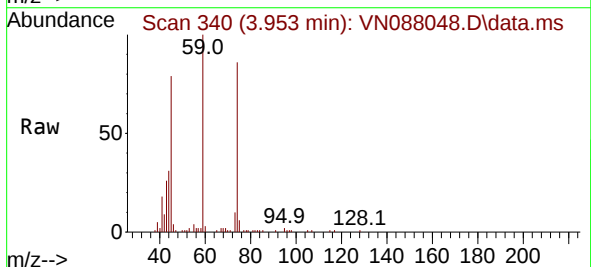
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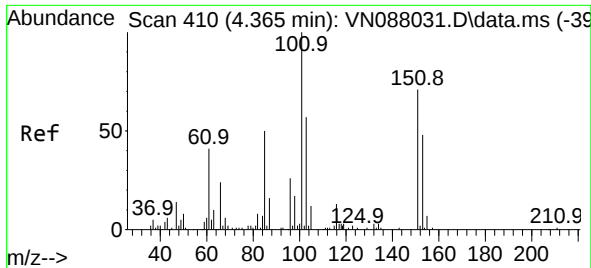
10/10/2025



#8
 Diethyl Ether
 Concen: 19.032 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.006 min
 Lab File: VN088048.D
 Acq: 09 Oct 2025 09:15

Tgt Ion: 74 Resp: 53562
 Ion Ratio Lower Upper
 74 100
 45 100.9 20.4 183.8





#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.557 ug/l m
 RT: 4.371 min Scan# 410
 Delta R.T. 0.006 min
 Lab File: VN088048.D
 Acq: 09 Oct 2025 09:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

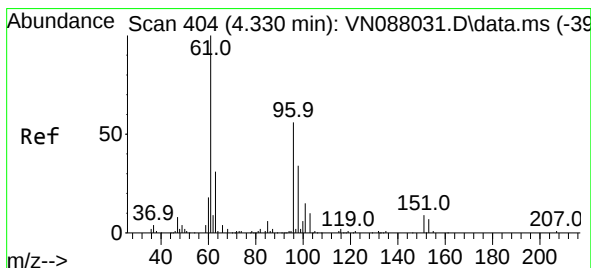
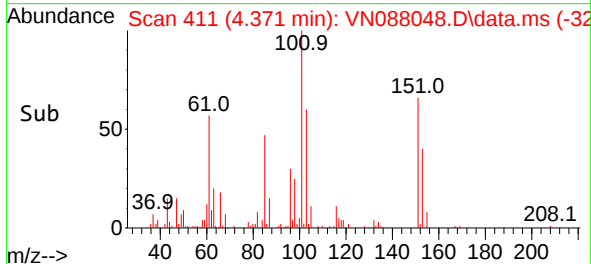
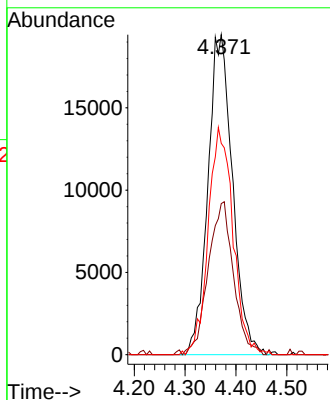
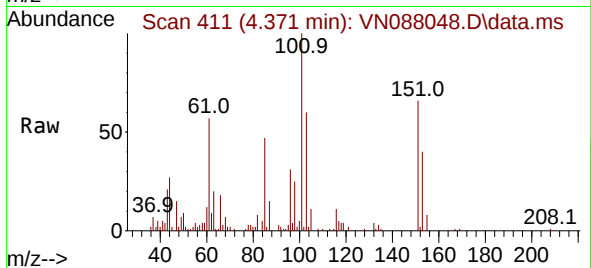
Tgt Ion: 101 Resp: 65209
 Ion Ratio Lower Upper
 101 100
 85 49.1 0.0 103.2
 151 70.5 0.0 141.4

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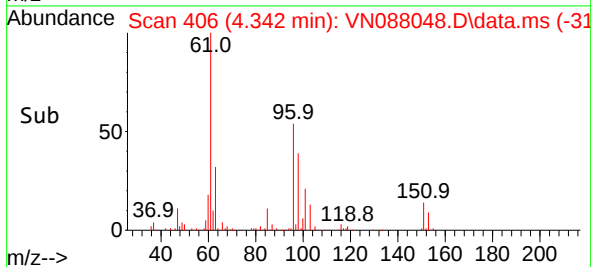
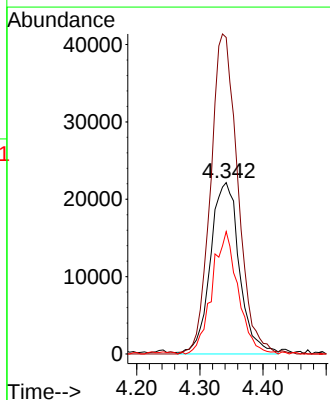
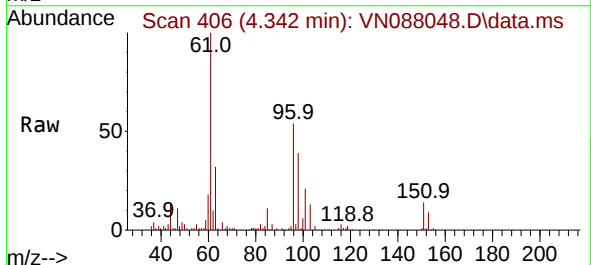
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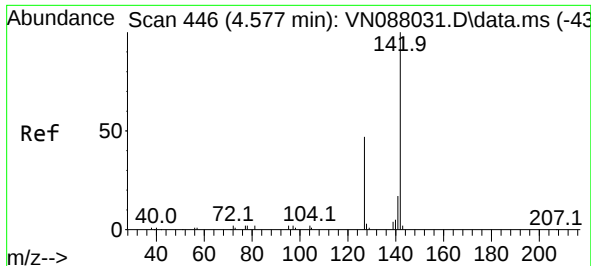
10/10/2025



#10
 1,1-Dichloroethene
 Concen: 19.820 ug/l
 RT: 4.342 min Scan# 406
 Delta R.T. 0.012 min
 Lab File: VN088048.D
 Acq: 09 Oct 2025 09:15

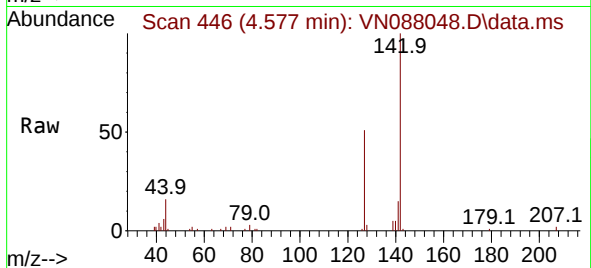
Tgt Ion: 96 Resp: 70498
 Ion Ratio Lower Upper
 96 100
 61 186.4 144.1 216.1
 98 72.1 49.0 73.6





#11
Methyl Iodide
Concen: 15.194 ug/l m
RT: 4.577 min Scan# 446
Delta R.T. 0.000 min
Lab File: VN088048.D
Acq: 09 Oct 2025 09:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



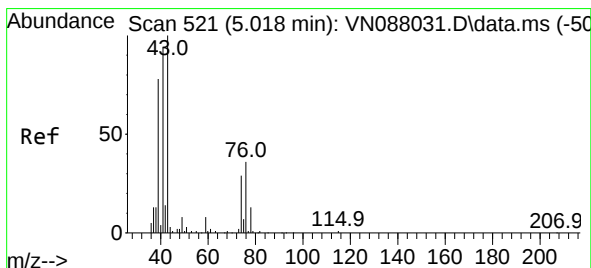
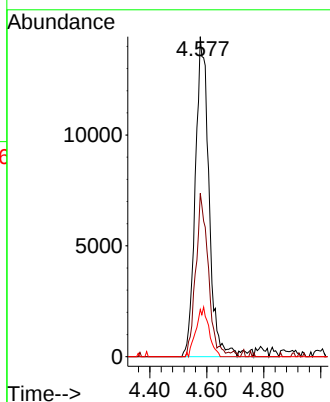
Tgt Ion:142 Resp: 4980
Ion Ratio Lower Upper
142 100
127 51.0 23.4 70.3
141 14.8 8.8 26.2

Manual Integrations
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Reviewed By :John
Carlone

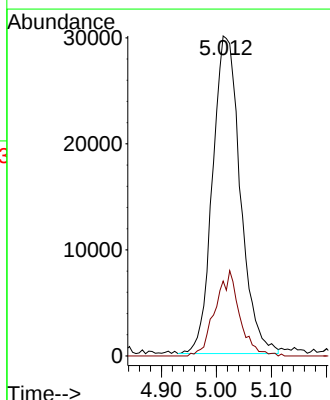
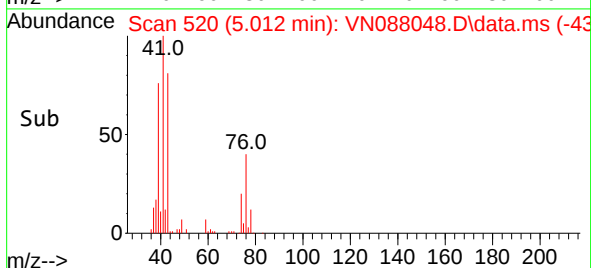
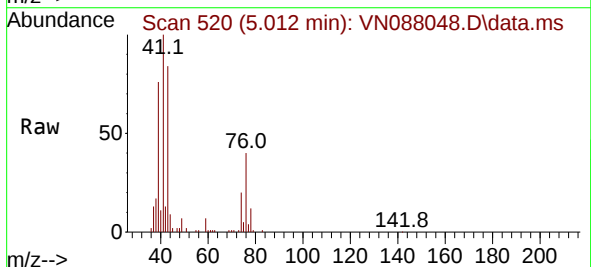
10/10/2025
Supervised By :Mahesh
Dadoda

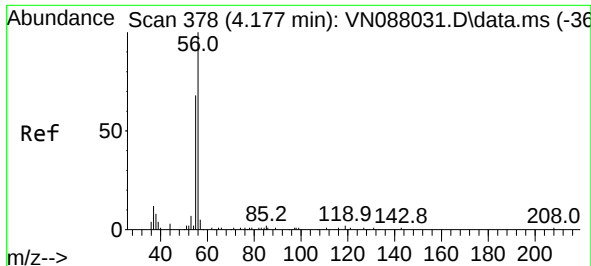
10/10/2025



#12
Methyl Acetate
Concen: 18.143 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN088048.D
Acq: 09 Oct 2025 09:15

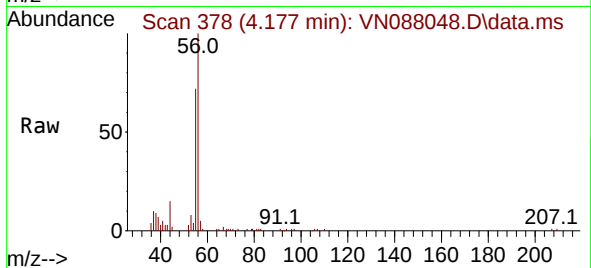
Tgt Ion: 43 Resp: 104907
Ion Ratio Lower Upper
43 100
74 23.7 23.3 34.9





#13
Acrolein
Concen: 97.849 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN088048.D
Acq: 09 Oct 2025 09:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



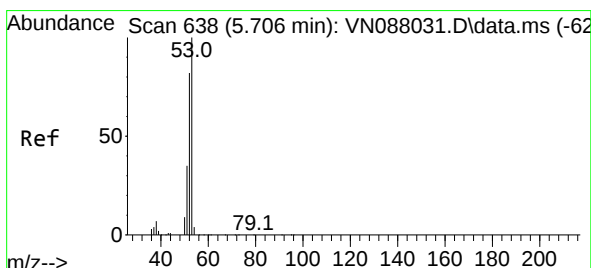
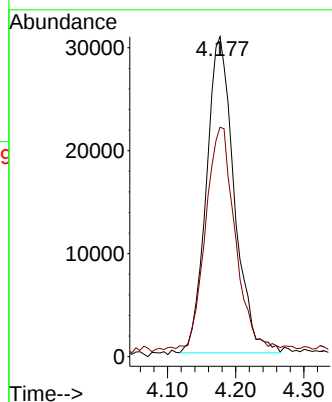
Tgt Ion: 56 Resp: 8755
Ion Ratio Lower Upper
56 100
55 74.1 0.3 0.5

Manual Integrations
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Reviewed By :John
Carlone

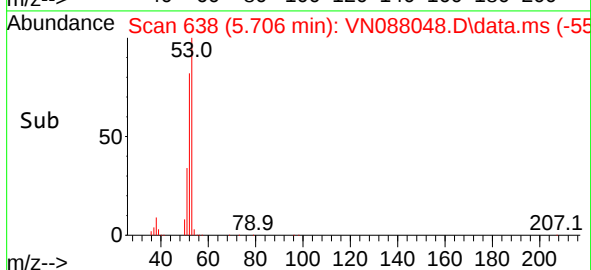
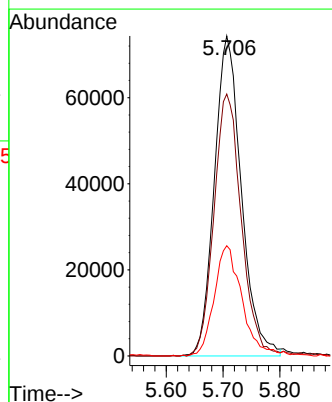
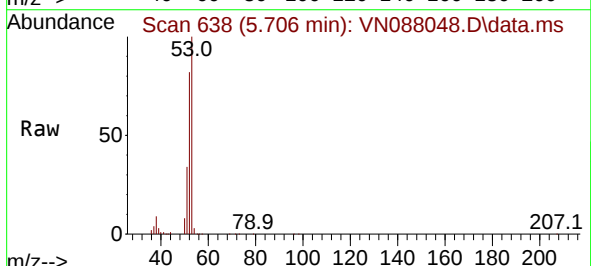
10/10/2025
Supervised By :Mahesh
Dadoda

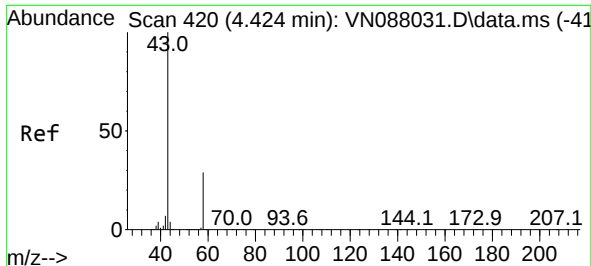
10/10/2025



#14
Acrylonitrile
Concen: 88.041 ug/l
RT: 5.706 min Scan# 638
Delta R.T. 0.000 min
Lab File: VN088048.D
Acq: 09 Oct 2025 09:15

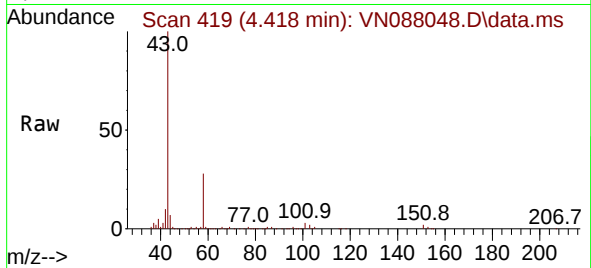
Tgt Ion: 53 Resp: 245677
Ion Ratio Lower Upper
53 100
52 82.5 41.3 124.1
51 34.7 18.0 54.0





#15
Acetone
Concen: 88.522 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN088048.D
Acq: 09 Oct 2025 09:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



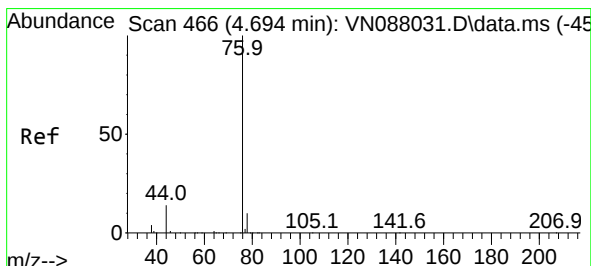
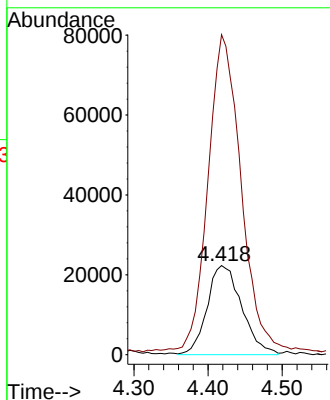
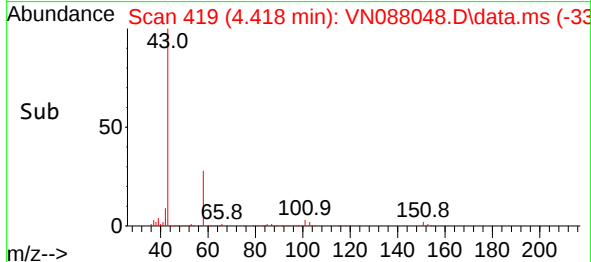
Tgt Ion: 58 Resp: 7234
Ion Ratio Lower Upper
58 100
43 355.5 282.6 424.0

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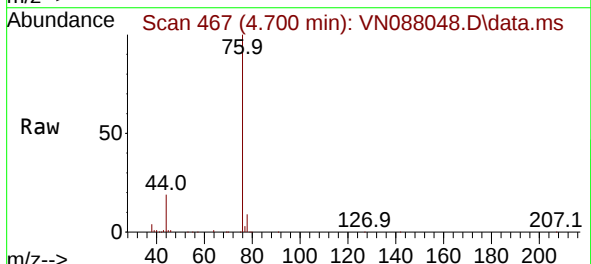
Reviewed By :John
Carlone

10/10/2025
Supervised By :Mahesh
Dadoda

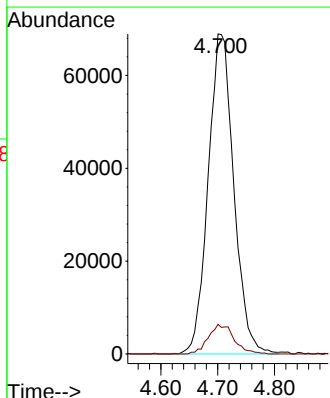
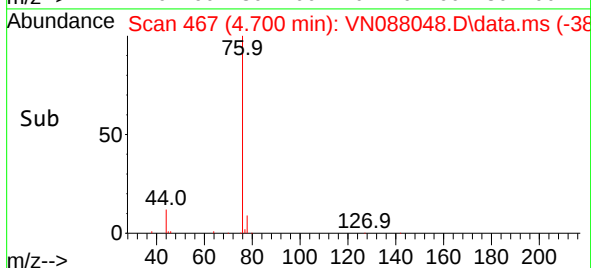
10/10/2025

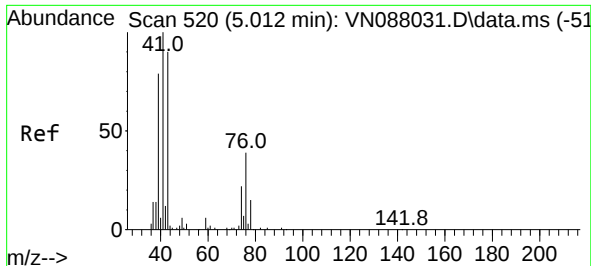


#16
Carbon Disulfide
Concen: 19.370 ug/l
RT: 4.700 min Scan# 467
Delta R.T. 0.006 min
Lab File: VN088048.D
Acq: 09 Oct 2025 09:15



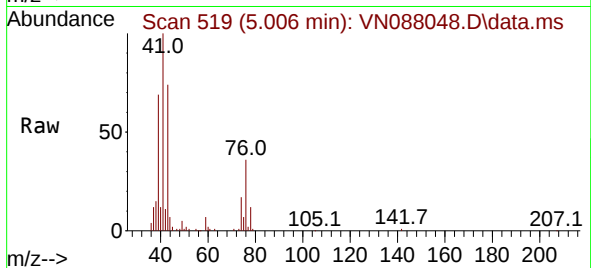
Tgt Ion: 76 Resp: 215981
Ion Ratio Lower Upper
76 100
78 9.3 7.8 11.8





#17
 Allyl chloride
 Concen: 18.774 ug/l
 RT: 5.006 min Scan# 519
 Delta R.T. -0.006 min
 Lab File: VN088048.D
 Acq: 09 Oct 2025 09:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020



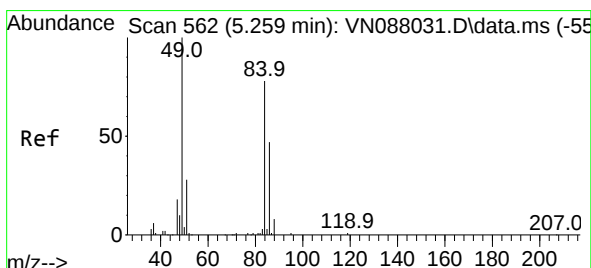
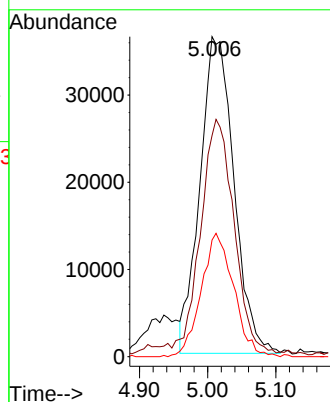
Tgt Ion: 41 Resp: 12600
 Ion Ratio Lower Upper
 41 100
 39 68.5 36.4 109.2
 76 36.9 18.1 54.1

Manual Integrations
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Reviewed By :John
 Carlone

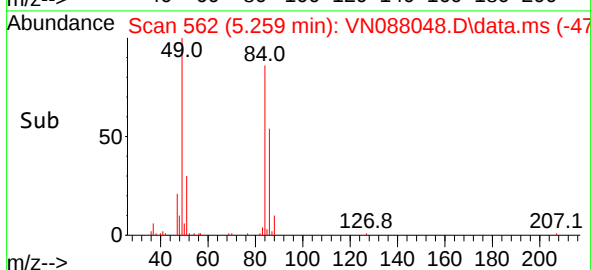
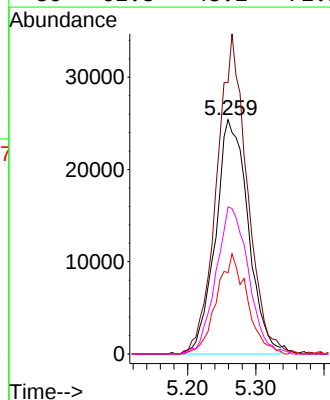
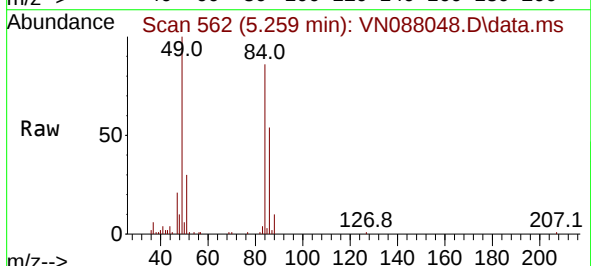
10/10/2025
 Supervised By :Mahesh
 Dadoda

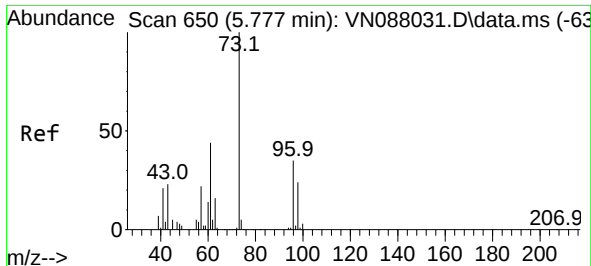
10/10/2025



#18
 Methylene Chloride
 Concen: 18.704 ug/l
 RT: 5.259 min Scan# 562
 Delta R.T. 0.000 min
 Lab File: VN088048.D
 Acq: 09 Oct 2025 09:15

Tgt Ion: 84 Resp: 84554
 Ion Ratio Lower Upper
 84 100
 49 115.9 102.6 153.8
 51 34.7 28.6 42.8
 86 62.8 48.2 72.2





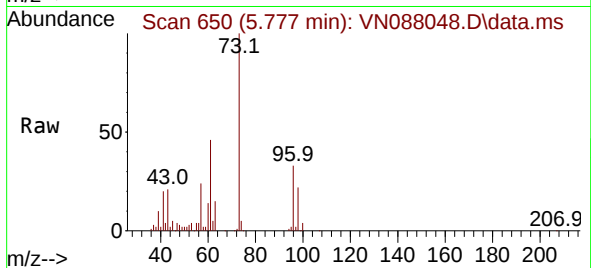
#19
trans-1,2-Dichloroethene
Concen: 18.797 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN088048.D
Acq: 09 Oct 2025 09:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020



Tgt Ion: 96 Resp: 7730
Ion Ratio Lower Upper
96 100
61 142.2 100.6 151.0
98 67.3 54.0 81.0

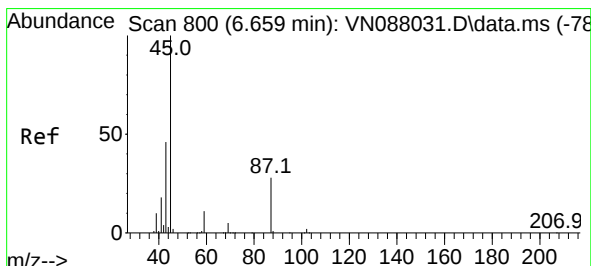
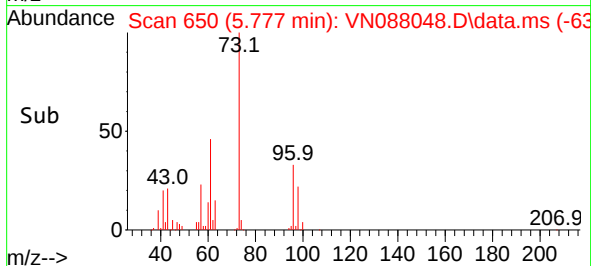
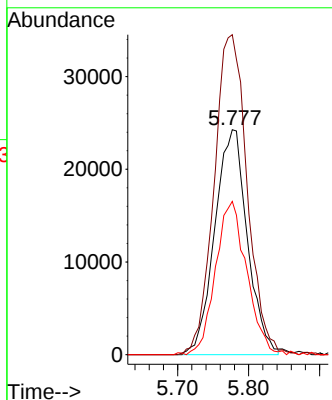
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Reviewed By :John
Carlone

10/10/2025

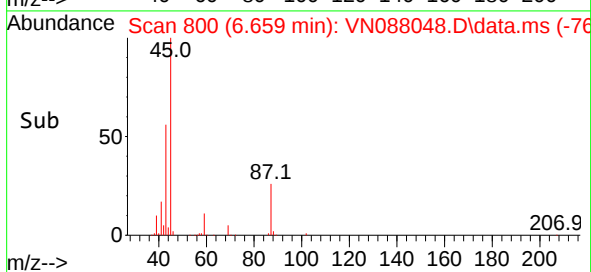
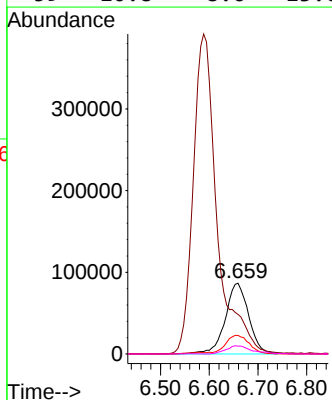
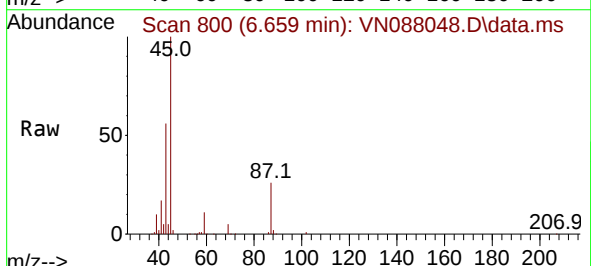
Supervised By :Mahesh
Dadoda

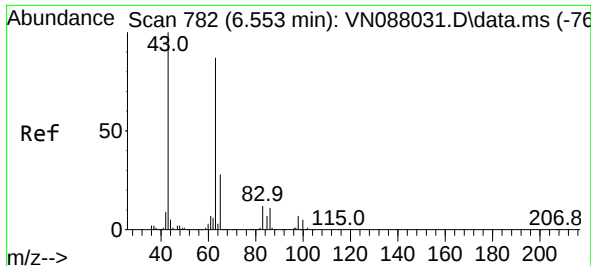
10/10/2025



#20
Diisopropyl ether
Concen: 18.894 ug/l
RT: 6.659 min Scan# 800
Delta R.T. 0.000 min
Lab File: VN088048.D
Acq: 09 Oct 2025 09:15

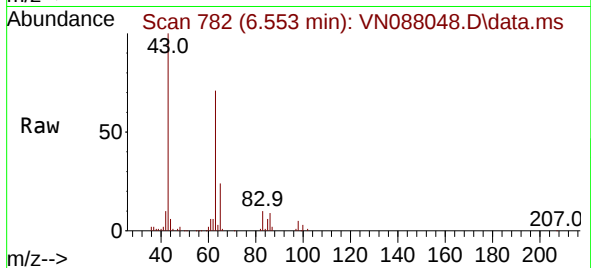
Tgt Ion: 45 Resp: 288704
Ion Ratio Lower Upper
45 100
43 54.2 46.1 69.1
87 26.0 22.3 33.5
59 10.8 8.6 13.0





#21
1,1-Dichloroethane
Concen: 19.236 ug/l
RT: 6.553 min Scan# 782
Delta R.T. 0.000 min
Lab File: VN088048.D
Acq: 09 Oct 2025 09:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



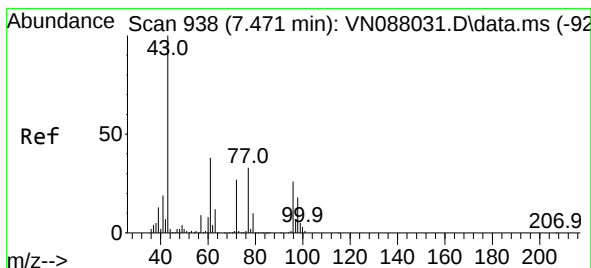
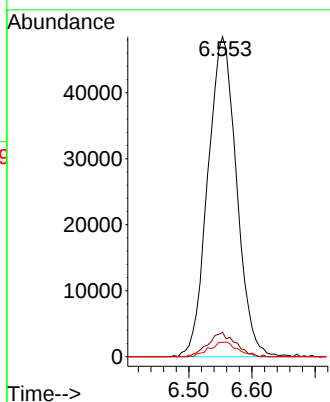
Tgt Ion: 63 Resp: 15301
Ion Ratio Lower Upper
63 100
98 7.6 4.3 12.8
100 4.4 2.6 8.0

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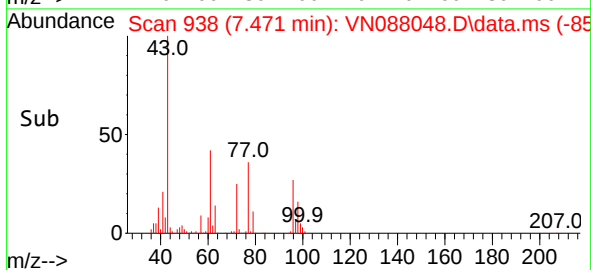
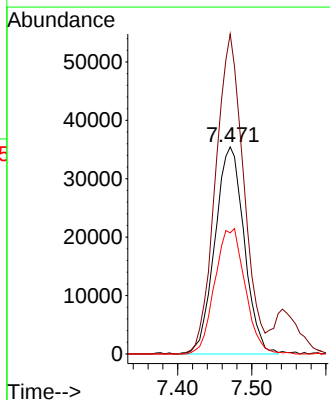
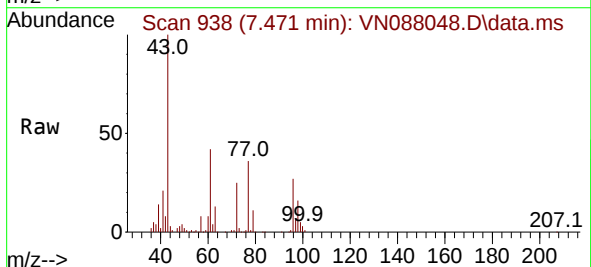
10/10/2025
Supervised By :Mahesh
Dadoda

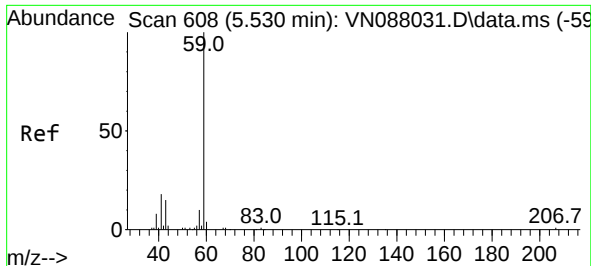
10/10/2025



#22
cis-1,2-Dichloroethene
Concen: 18.886 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN088048.D
Acq: 09 Oct 2025 09:15

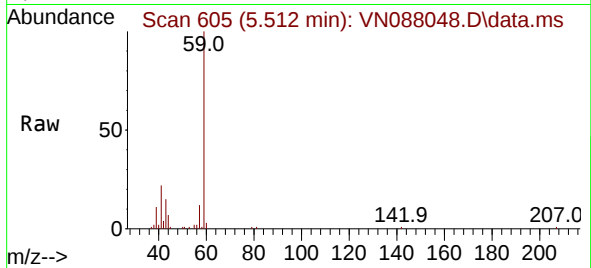
Tgt Ion: 96 Resp: 97222
Ion Ratio Lower Upper
96 100
61 148.4 117.0 175.6
98 62.5 52.6 79.0





#23
tert-Butyl Alcohol
Concen: 84.953 ug/l
RT: 5.512 min Scan# 608
Delta R.T. -0.018 min
Lab File: VN088048.D
Acq: 09 Oct 2025 09:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



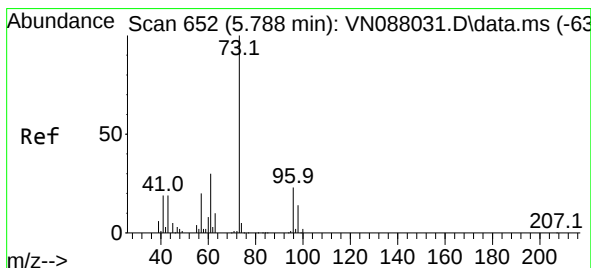
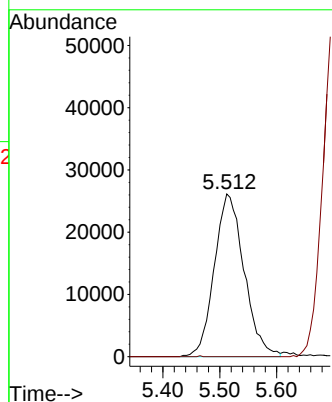
Tgt Ion: 59 Resp: 95070
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

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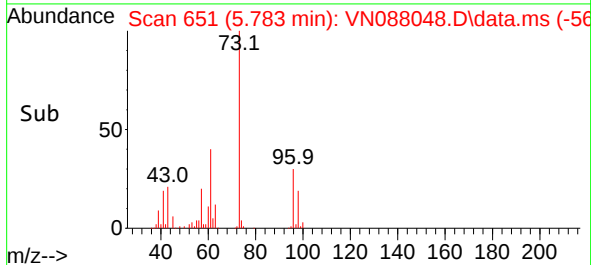
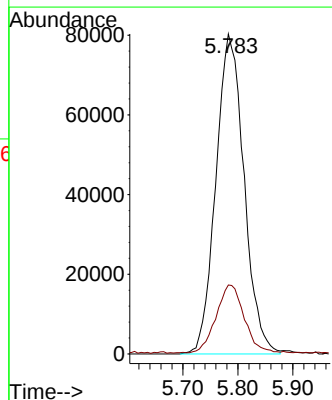
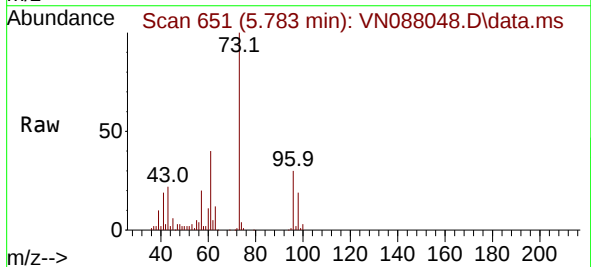
10/10/2025
Supervised By :Mahesh
Dadoda

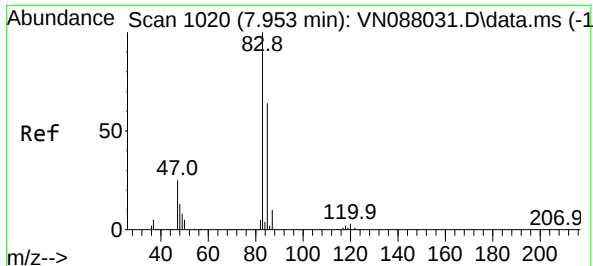
10/10/2025



#24
Methyl tert-Butyl Ether
Concen: 18.617 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN088048.D
Acq: 09 Oct 2025 09:15

Tgt Ion: 73 Resp: 285826
Ion Ratio Lower Upper
73 100
43 21.0 17.0 25.4





#25

Chloroform

Concen: 18.771 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VN088048.D

Acq: 09 Oct 2025 09:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 83 Resp: 15408

Ion Ratio Lower Upper

83 100

85 65.6 50.9 76.3

Manual Integrations

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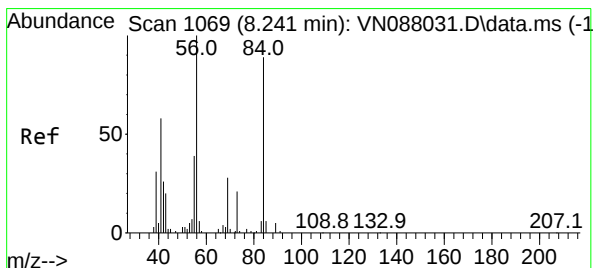
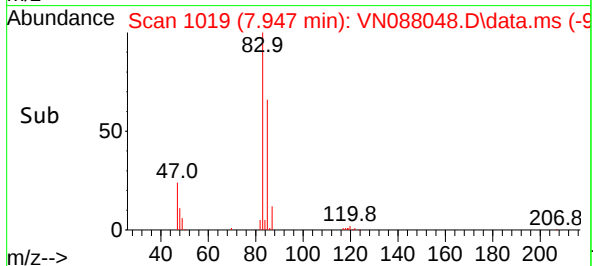
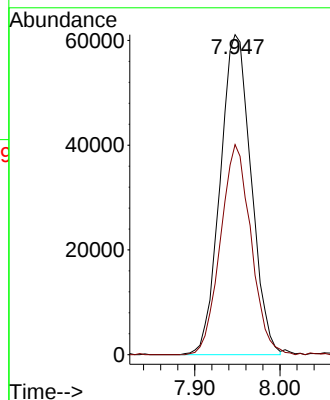
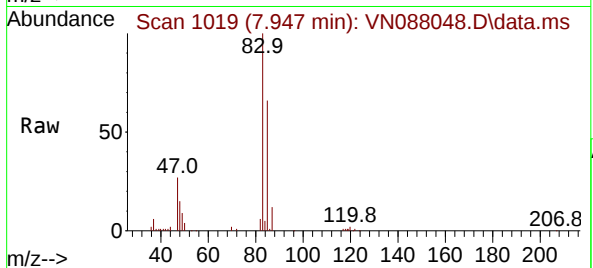
Carlone

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Supervised By :Mahesh

Dadoda

10/10/2025



#26

Cyclohexane

Concen: 19.491 ug/l

RT: 8.236 min Scan# 1068

Delta R.T. -0.006 min

Lab File: VN088048.D

Acq: 09 Oct 2025 09:15

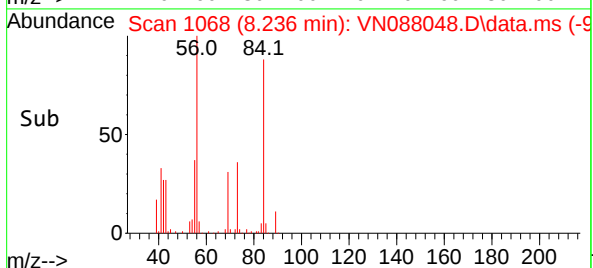
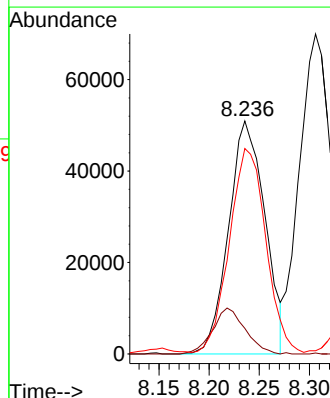
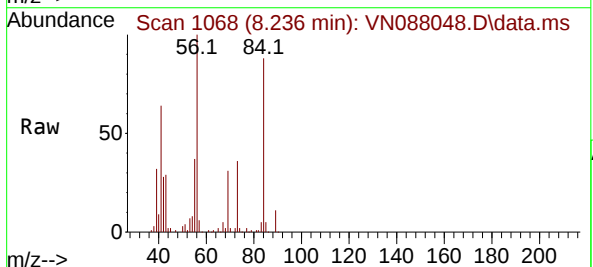
Tgt Ion: 56 Resp: 128457

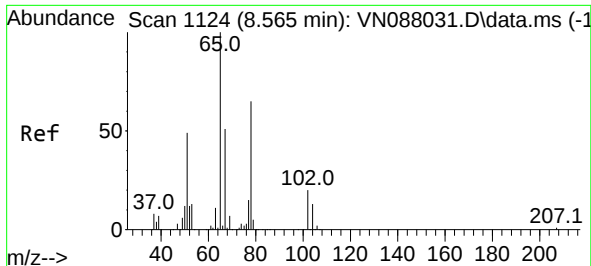
Ion Ratio Lower Upper

56 100

89 17.6 8.6 12.8

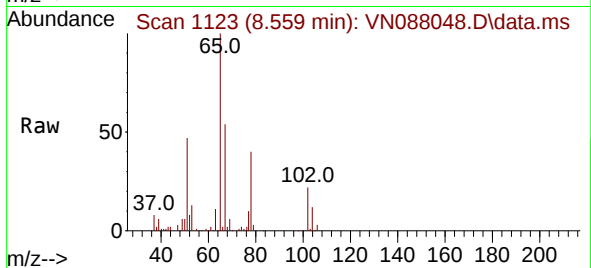
84 89.0 69.6 104.4





#27
1,2-Dichloroethane-d4
Concen: 30.046 ug/l
RT: 8.559 min Scan# 1124
Delta R.T. -0.006 min
Lab File: VN088048.D
Acq: 09 Oct 2025 09:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



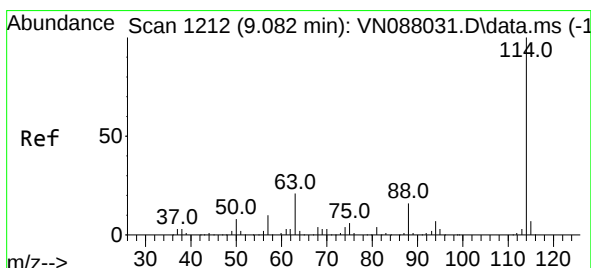
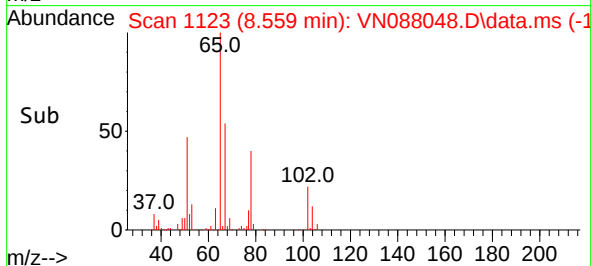
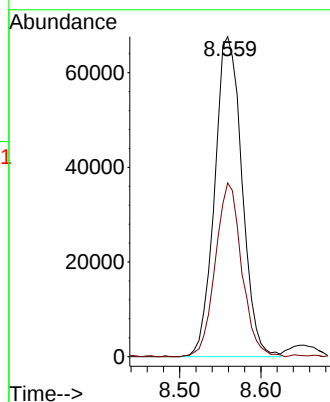
Tgt Ion: 65 Resp: 158274
Ion Ratio Lower Upper
65 100
67 52.3 41.9 62.9

Manual Integrations
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Reviewed By :John
Carlone

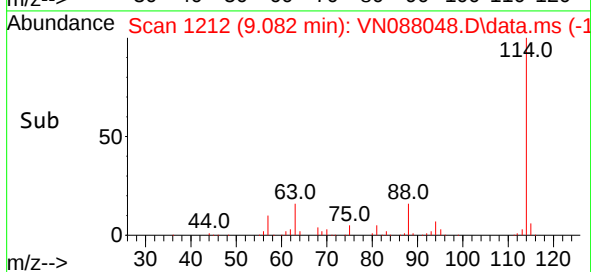
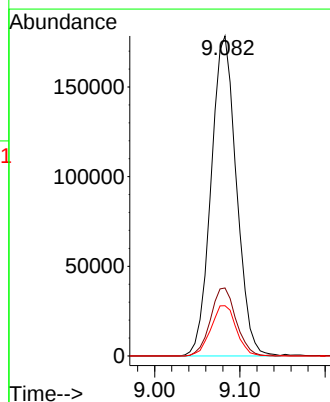
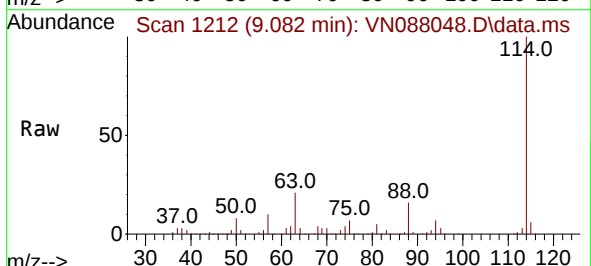
10/10/2025
Supervised By :Mahesh
Dadoda

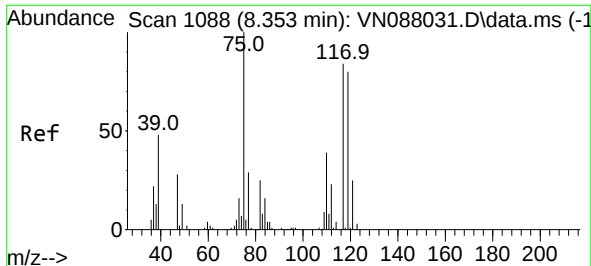
10/10/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN088048.D
Acq: 09 Oct 2025 09:15

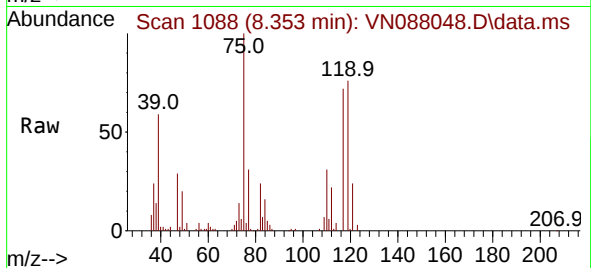
Tgt Ion:114 Resp: 367941
Ion Ratio Lower Upper
114 100
63 21.4 16.6 25.0
88 15.8 12.6 18.8





#29
1,1-Dichloropropene
Concen: 20.325 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN088048.D
Acq: 09 Oct 2025 09:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



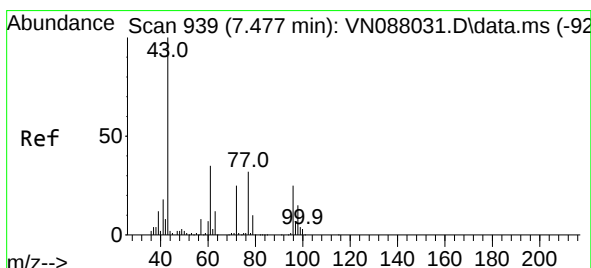
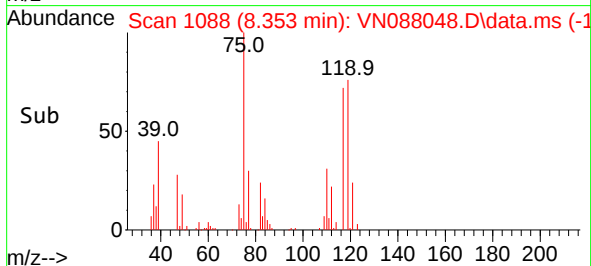
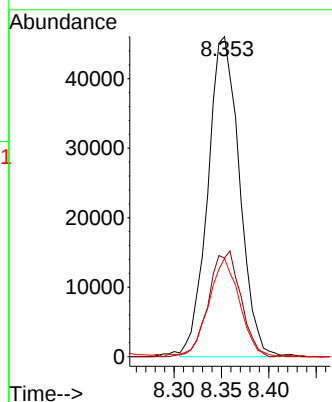
Tgt Ion: 75 Resp: 10719
Ion Ratio Lower Upper
75 100
110 33.4 0.0 72.2
77 30.0 0.0 60.6

Manual Integrations
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Reviewed By :John
Carlone

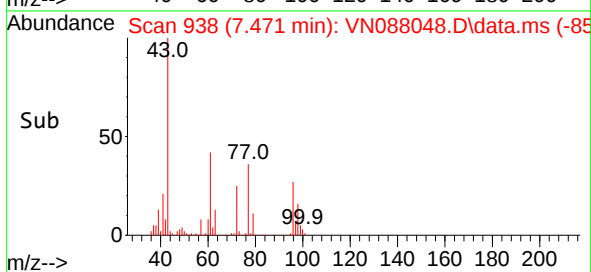
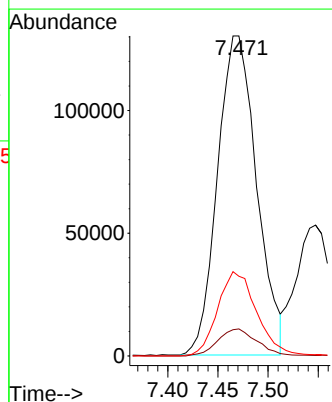
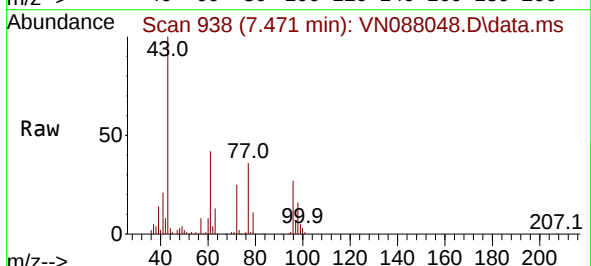
10/10/2025
Supervised By :Mahesh
Dadoda

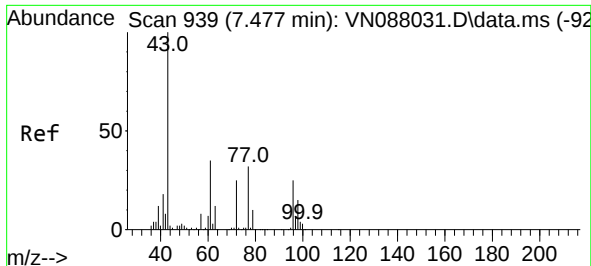
10/10/2025



#30
2-Butanone
Concen: 90.794 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN088048.D
Acq: 09 Oct 2025 09:15

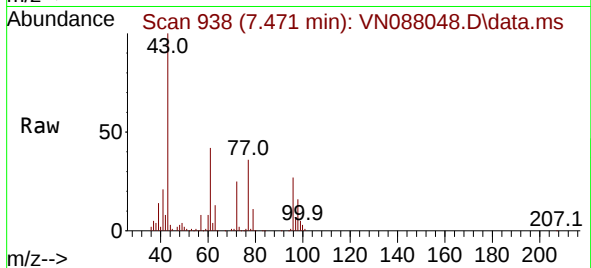
Tgt Ion: 43 Resp: 353168
Ion Ratio Lower Upper
43 100
57 8.6 6.5 9.7
72 26.5 21.4 32.2





#31
2,2-Dichloropropane
Concen: 19.672 ug/l
RT: 7.471 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN088048.D
Acq: 09 Oct 2025 09:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



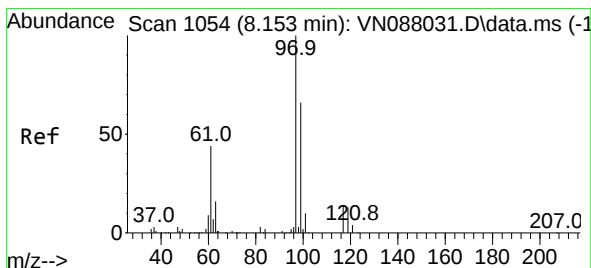
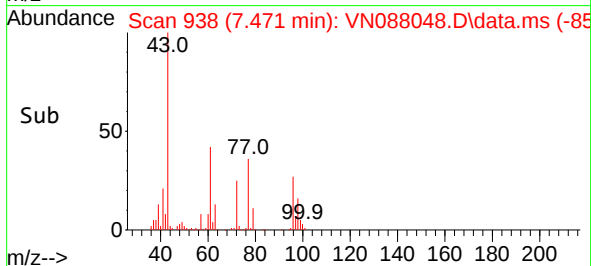
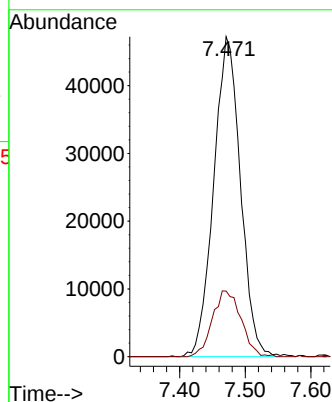
Tgt Ion: 77 Resp: 13368
Ion Ratio Lower Upper
77 100
97 21.8 17.8 26.8

Manual Integrations
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Reviewed By :John
Carlone

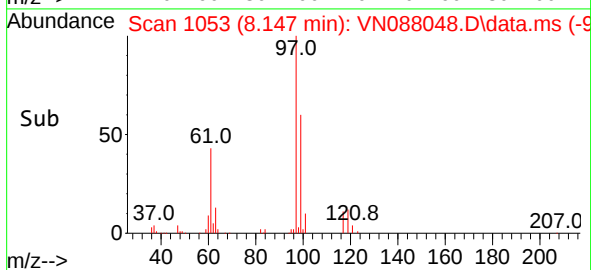
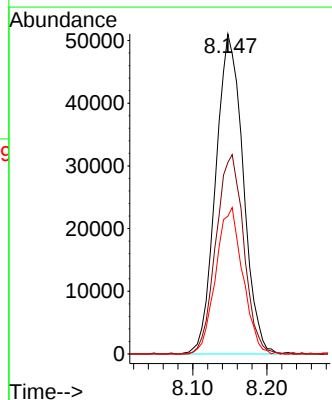
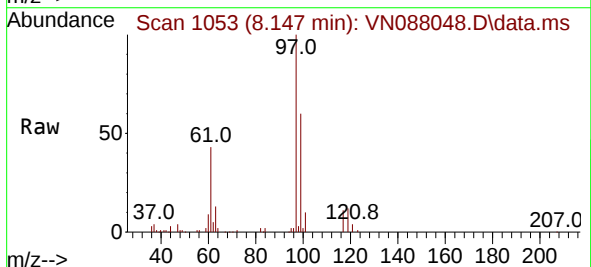
10/10/2025
Supervised By :Mahesh
Dadoda

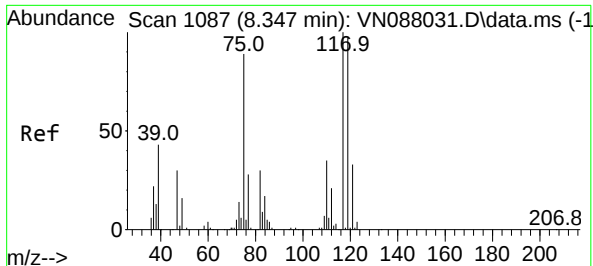
10/10/2025



#32
1,1,1-Trichloroethane
Concen: 19.914 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088048.D
Acq: 09 Oct 2025 09:15

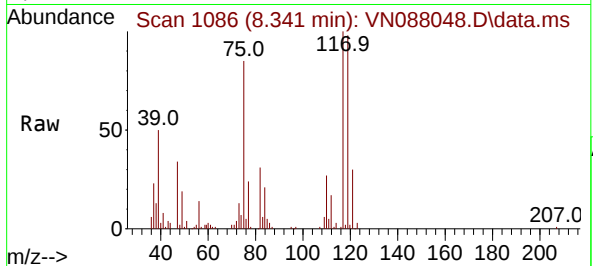
Tgt Ion: 97 Resp: 131237
Ion Ratio Lower Upper
97 100
99 63.1 51.4 77.2
61 45.0 34.7 52.1





#33
Carbon Tetrachloride
Concen: 19.957 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.006 min
Lab File: VN088048.D
Acq: 09 Oct 2025 09:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



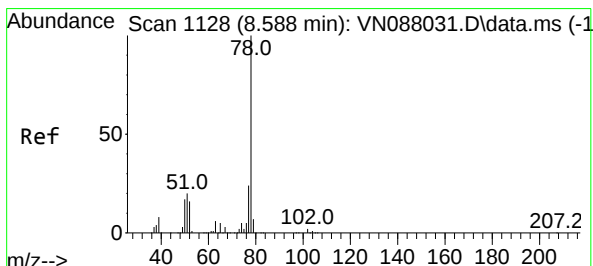
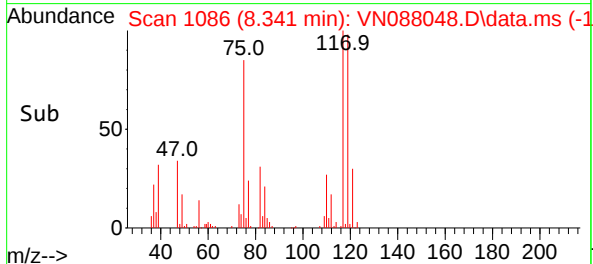
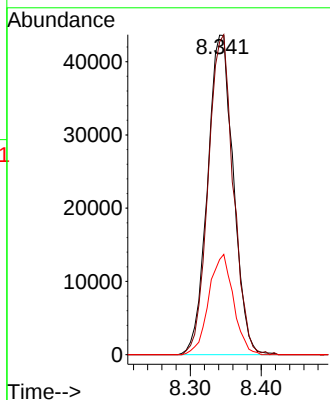
Tgt Ion: 117 Resp: 11016
Ion Ratio Lower Upper
117 100
119 97.9 77.9 116.9
121 29.8 26.4 39.6

Manual Integrations
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Reviewed By :John
Carlone

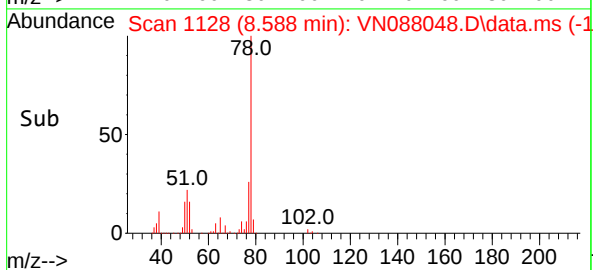
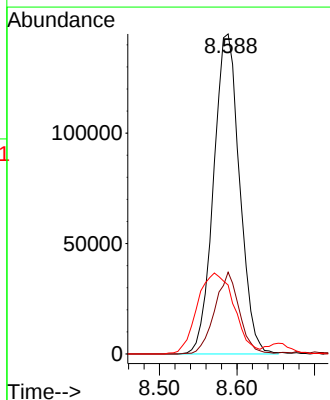
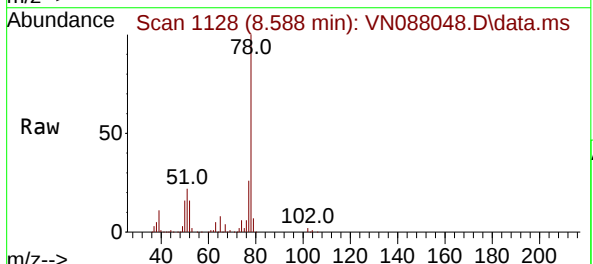
10/10/2025
Supervised By :Mahesh
Dadoda

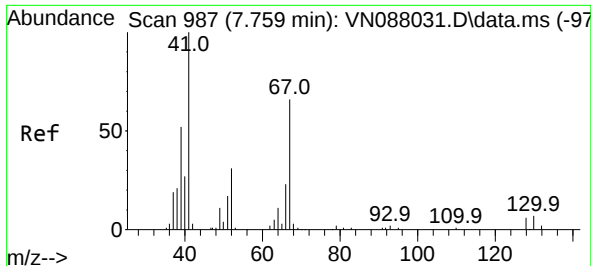
10/10/2025



#34
Benzene
Concen: 19.321 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN088048.D
Acq: 09 Oct 2025 09:15

Tgt Ion: 78 Resp: 337986
Ion Ratio Lower Upper
78 100
77 25.5 18.9 28.3
51 20.7 15.6 23.4





#35
Methacrylonitrile
Concen: 17.664 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN088048.D
Acq: 09 Oct 2025 09:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

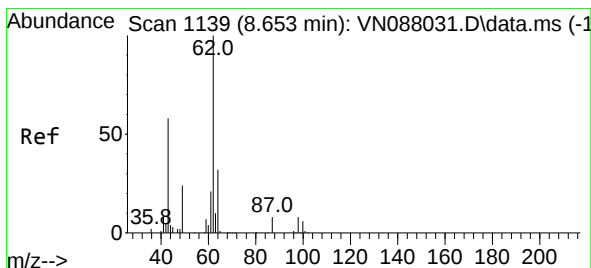
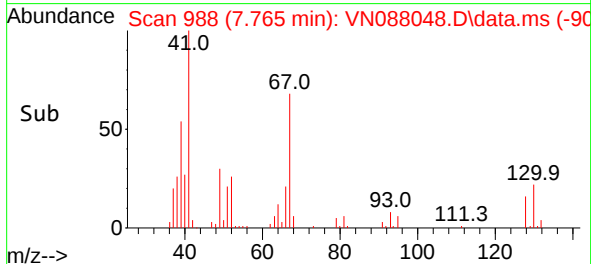
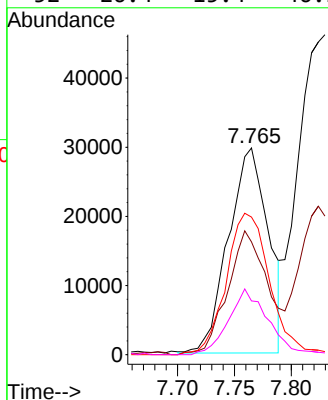
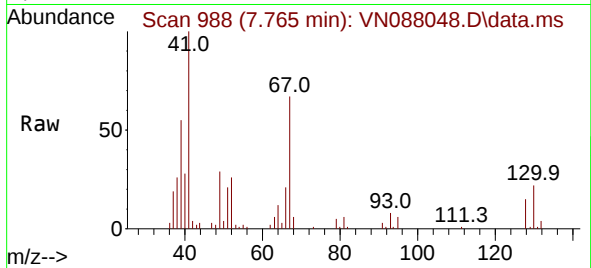
Tgt Ion: 41 Resp: 7225
Ion Ratio Lower Upper
41 100
39 55.3 26.1 78.3
67 67.5 33.1 99.2
52 26.4 15.4 46.1

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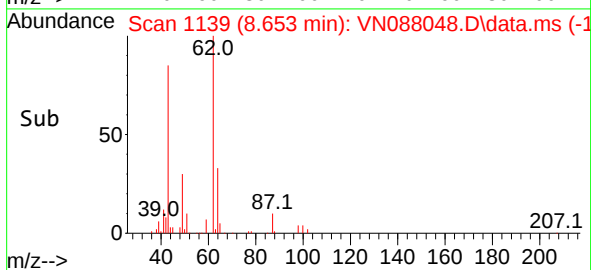
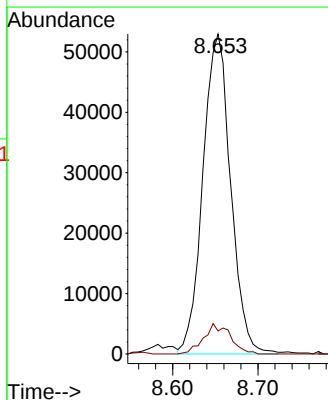
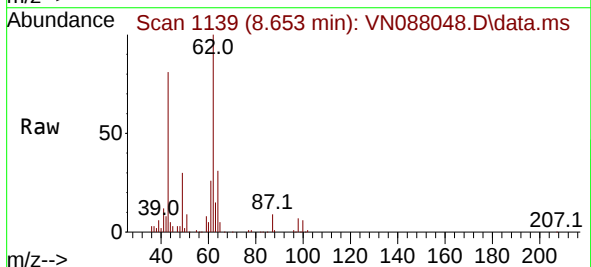
10/10/2025
Supervised By :Mahesh
Dadoda

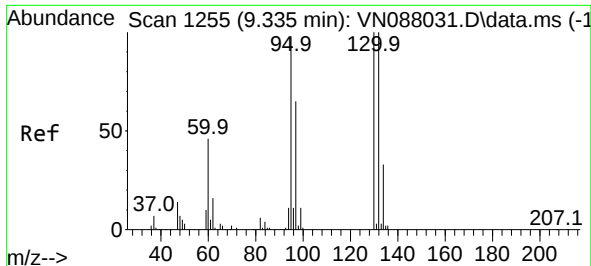
10/10/2025



#36
1,2-Dichloroethane
Concen: 19.729 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN088048.D
Acq: 09 Oct 2025 09:15

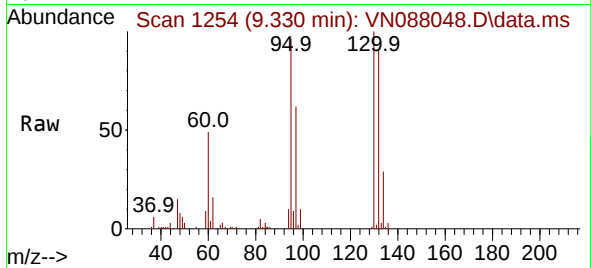
Tgt Ion: 62 Resp: 119818
Ion Ratio Lower Upper
62 100
98 5.2 7.8 11.6#





#37
Trichloroethene
Concen: 19.606 ug/l
RT: 9.330 min Scan# 1255
Delta R.T. -0.006 min
Lab File: VN088048.D
Acq: 09 Oct 2025 09:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



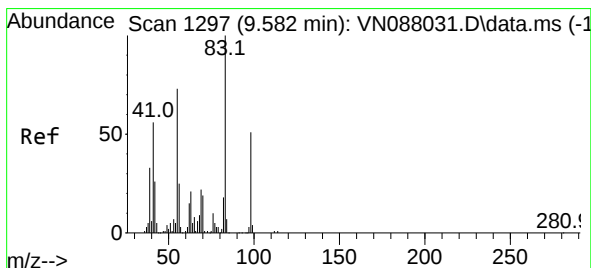
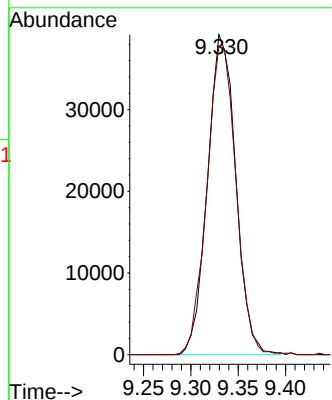
Tgt Ion:130 Resp: 8126
Ion Ratio Lower Upper
130 100
95 95.8 78.7 118.1

Manual Integrations
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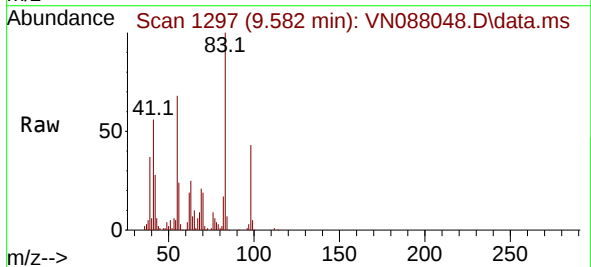
Reviewed By :John
Carlone

10/10/2025
Supervised By :Mahesh
Dadoda

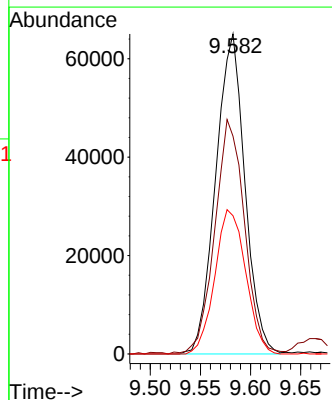
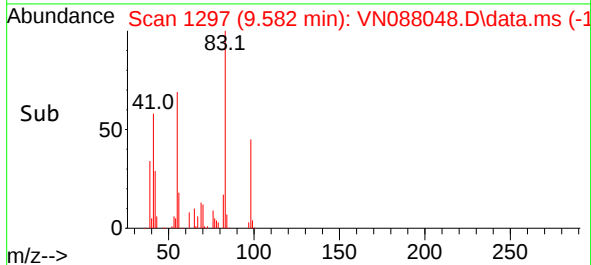
10/10/2025

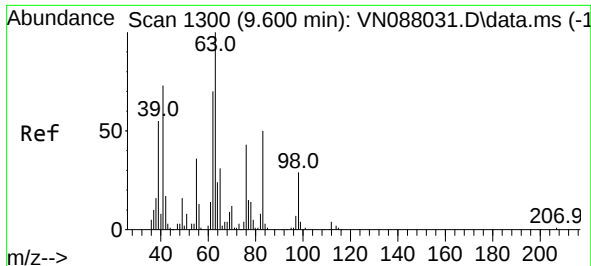


#38
Methylcyclohexane
Concen: 20.225 ug/l
RT: 9.582 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN088048.D
Acq: 09 Oct 2025 09:15



Tgt Ion: 83 Resp: 131726
Ion Ratio Lower Upper
83 100
55 73.5 37.3 111.9
98 47.6 25.4 76.0





#39

1,2-Dichloropropane

Concen: 19.313 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN088048.D

Acq: 09 Oct 2025 09:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 63 Resp: 8471

Ion Ratio Lower Upper

63 100

65 32.4 25.0 37.6

Manual Integrations

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Reviewed By :John

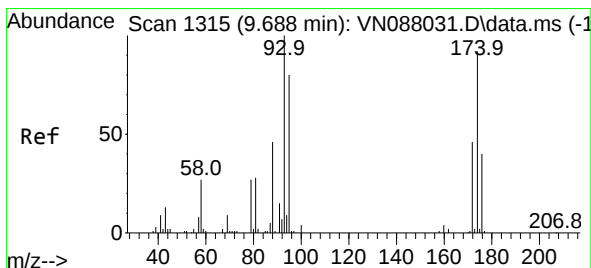
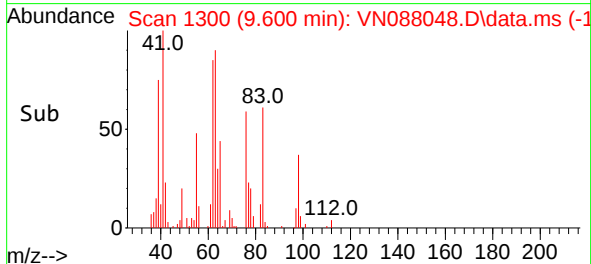
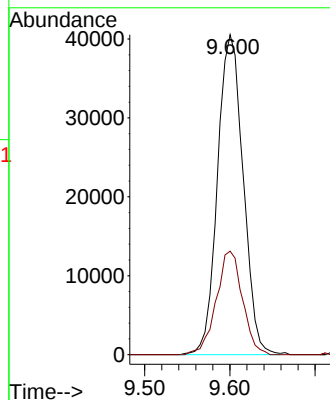
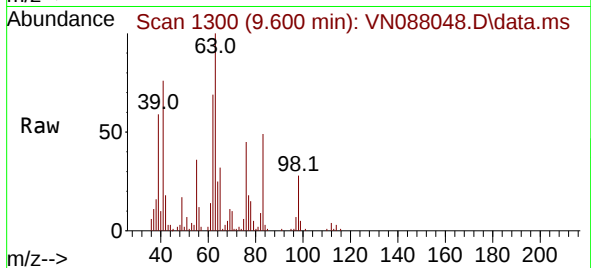
Carlone

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Supervised By :Mahesh

Dadoda

10/10/2025



#40

Dibromomethane

Concen: 19.527 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN088048.D

Acq: 09 Oct 2025 09:15

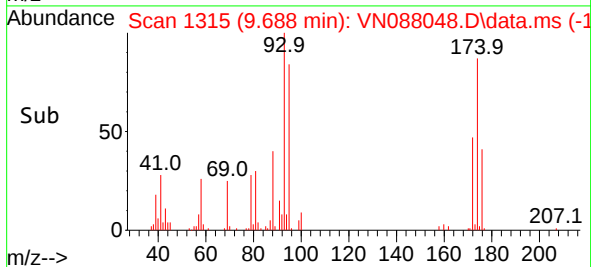
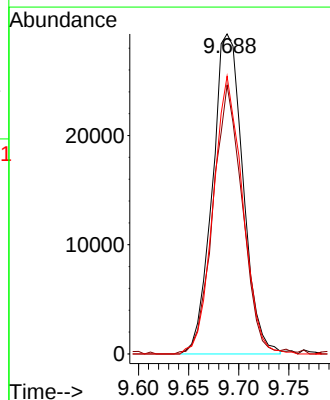
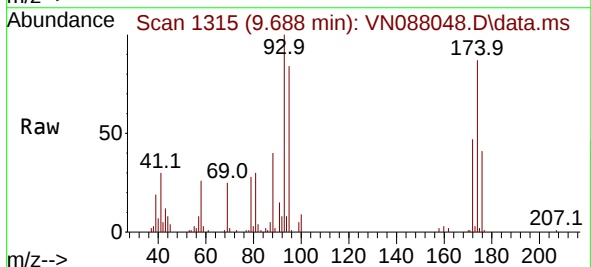
Tgt Ion: 93 Resp: 62349

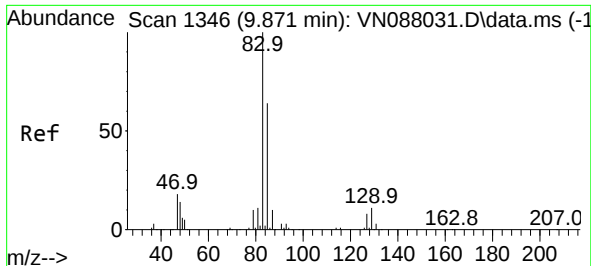
Ion Ratio Lower Upper

93 100

95 80.0 0.0 158.6

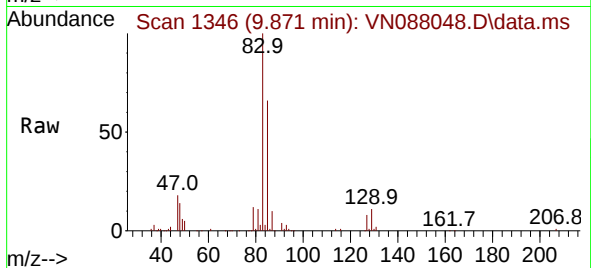
174 83.2 0.0 180.8





#41
Bromodichloromethane
Concen: 19.139 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. 0.000 min
Lab File: VN088048.D
Acq: 09 Oct 2025 09:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



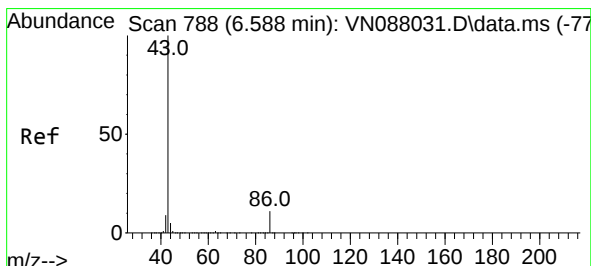
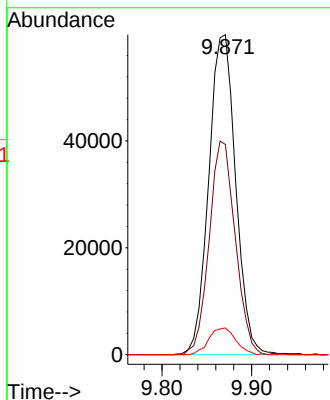
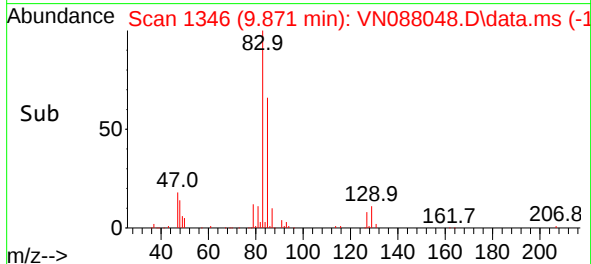
Tgt Ion: 83 Resp: 12480
Ion Ratio Lower Upper
83 100
85 65.4 51.0 76.4
127 8.3 6.1 9.1

Manual Integrations
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Reviewed By :John
Carlone

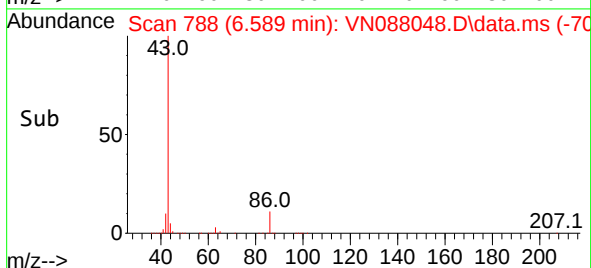
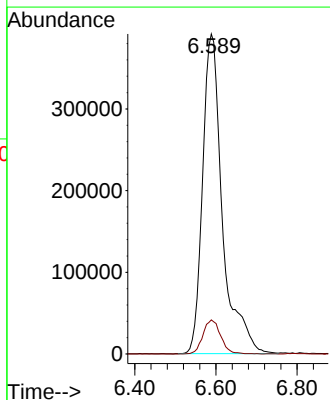
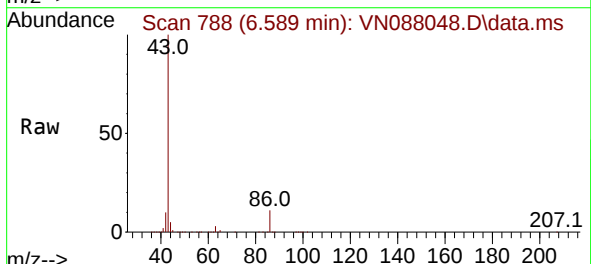
10/10/2025
Supervised By :Mahesh
Dadoda

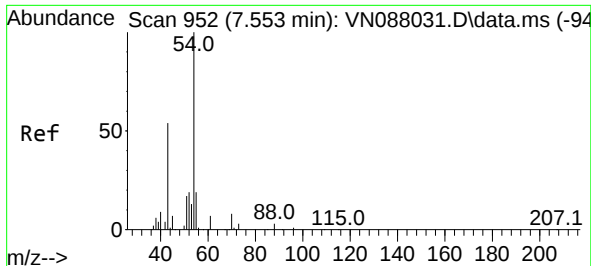
10/10/2025



#42
Vinyl Acetate
Concen: 100.055 ug/l
RT: 6.589 min Scan# 788
Delta R.T. 0.000 min
Lab File: VN088048.D
Acq: 09 Oct 2025 09:15

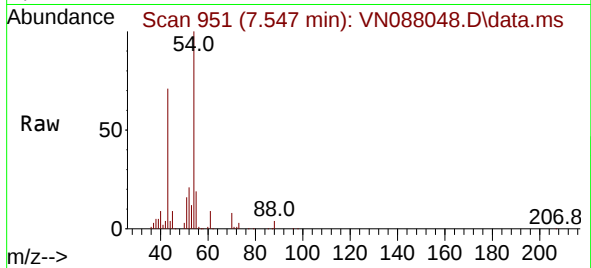
Tgt Ion: 43 Resp: 1325865
Ion Ratio Lower Upper
43 100
86 9.5 8.4 12.6





#43
Ethyl Acetate
Concen: 18.187 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN088048.D
Acq: 09 Oct 2025 09:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



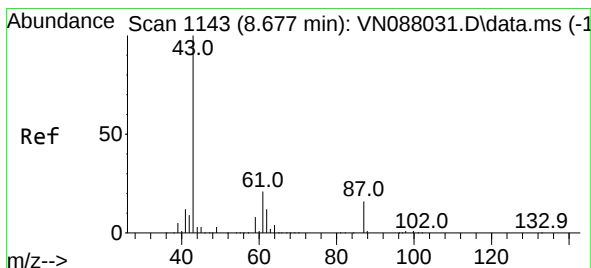
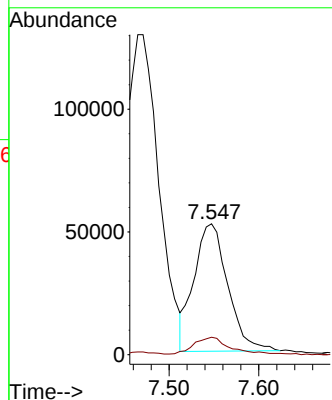
Tgt Ion: 43 Resp: 135992
Ion Ratio Lower Upper
43 100
45 12.8 10.2 15.4

Manual Integrations
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Reviewed By :John
Carlone

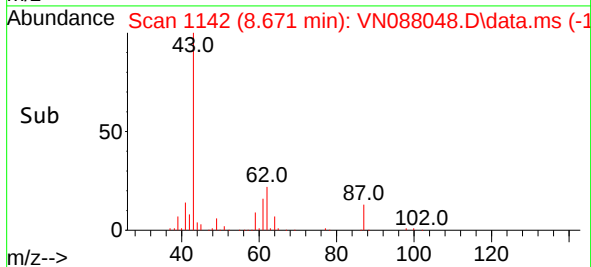
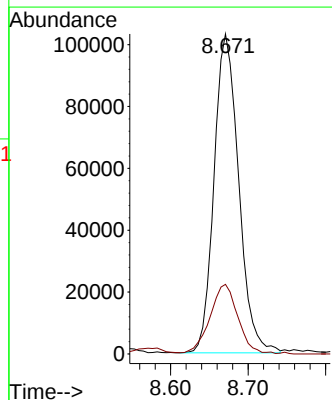
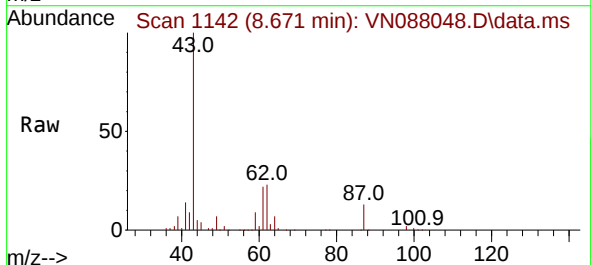
10/10/2025
Supervised By :Mahesh
Dadoda

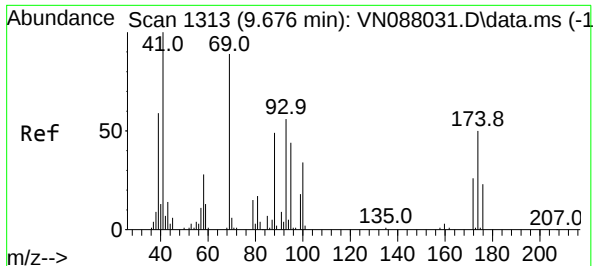
10/10/2025



#44
Isopropyl Acetate
Concen: 18.619 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN088048.D
Acq: 09 Oct 2025 09:15

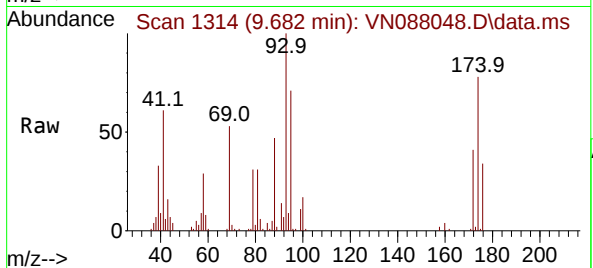
Tgt Ion: 43 Resp: 227382
Ion Ratio Lower Upper
43 100
61 24.7 18.7 28.1





#45
1,4-Dioxane
Concen: 378.013 ug/l
RT: 9.682 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN088048.D
Acq: 09 Oct 2025 09:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



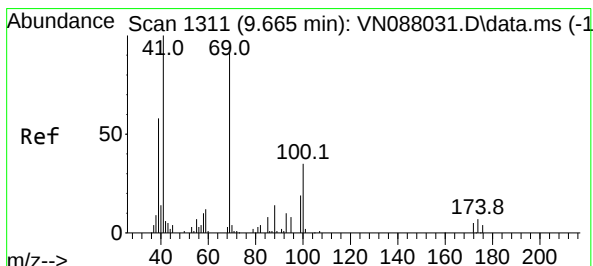
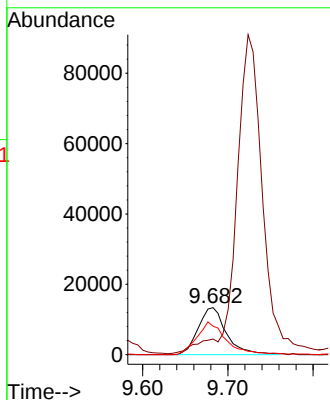
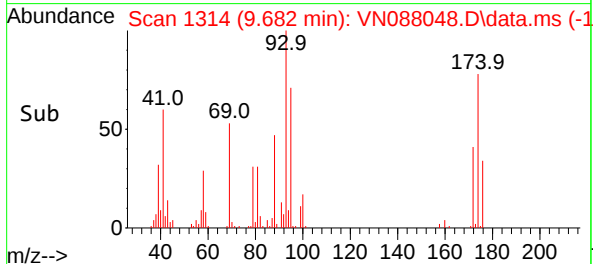
Tgt Ion: 88 Resp: 30704
Ion Ratio Lower Upper
88 100
43 27.0 18.6 27.8
58 71.2 57.4 86.2

Manual Integrations
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Reviewed By :John
Carlone

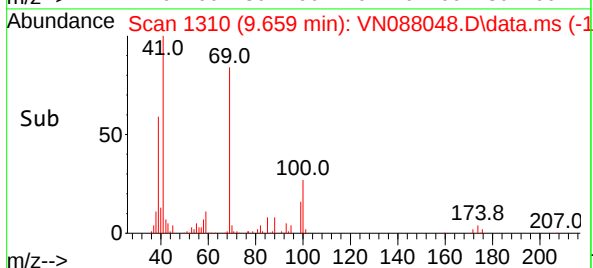
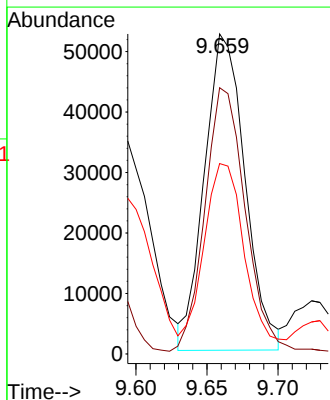
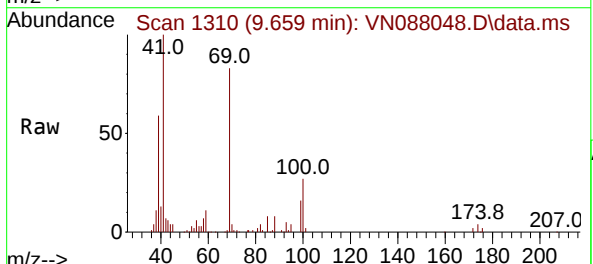
10/10/2025
Supervised By :Mahesh
Dadoda

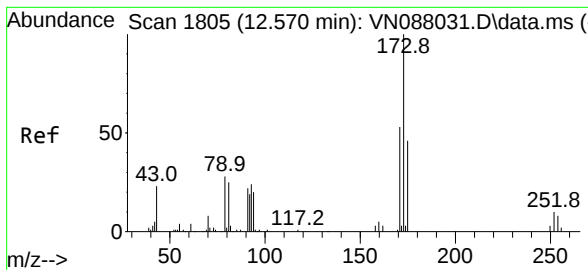
10/10/2025



#46
Methyl methacrylate
Concen: 19.290 ug/l
RT: 9.659 min Scan# 1310
Delta R.T. -0.006 min
Lab File: VN088048.D
Acq: 09 Oct 2025 09:15

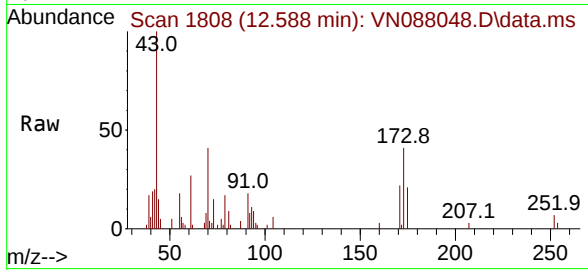
Tgt Ion: 41 Resp: 103746
Ion Ratio Lower Upper
41 100
69 87.5 44.9 134.7
39 59.4 30.3 90.8





#47
n-amy1 Acetate
Concen: 21.736 ug/l m
RT: 12.588 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN088048.D
Acq: 09 Oct 2025 09:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



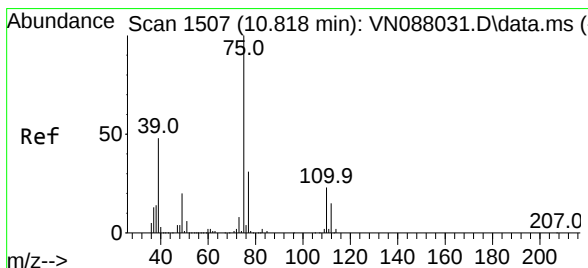
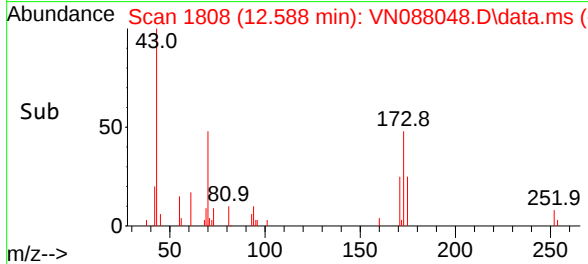
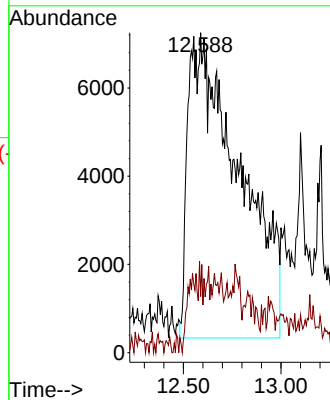
Tgt Ion: 43 Resp: 125819
Ion Ratio Lower Upper
43 100
55 3.8 0.6 0.8

Manual Integrations
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Reviewed By :John
Carlone

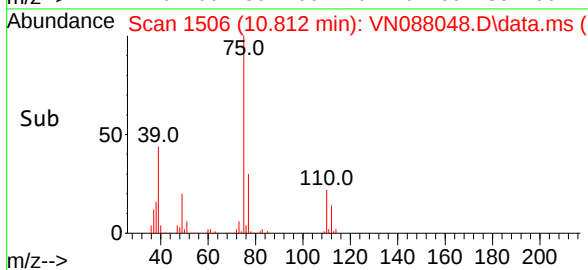
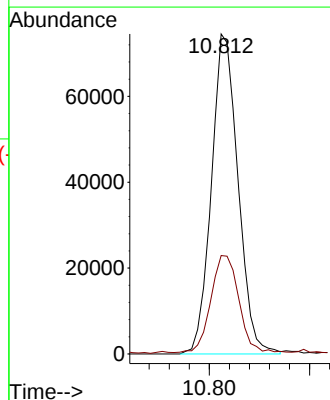
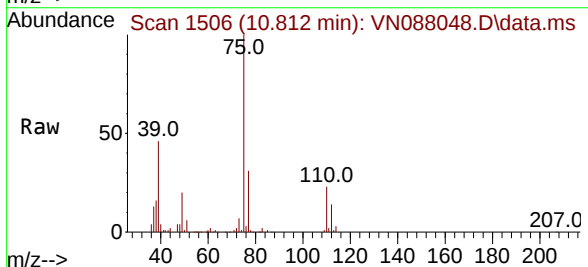
10/10/2025
Supervised By :Mahesh
Dadoda

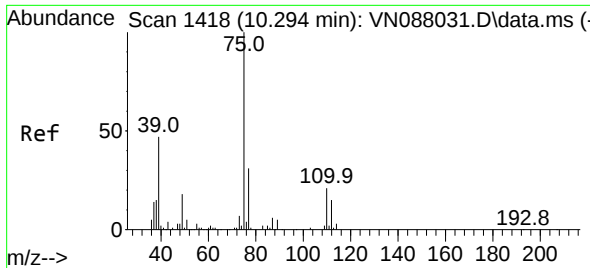
10/10/2025



#48
t-1,3-Dichloropropene
Concen: 18.979 ug/l
RT: 10.812 min Scan# 1506
Delta R.T. -0.006 min
Lab File: VN088048.D
Acq: 09 Oct 2025 09:15

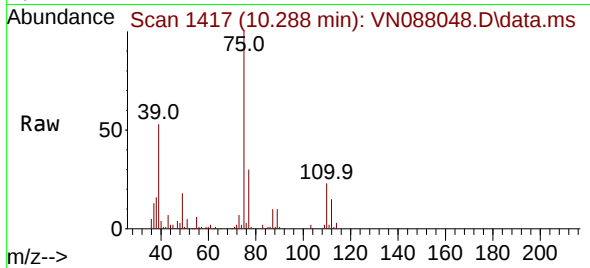
Tgt Ion: 75 Resp: 137624
Ion Ratio Lower Upper
75 100
77 30.2 24.5 36.7





#49
cis-1,3-Dichloropropene
Concen: 19.034 ug/l
RT: 10.288 min Scan# 1417
Delta R.T. -0.006 min
Lab File: VN088048.D
Acq: 09 Oct 2025 09:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



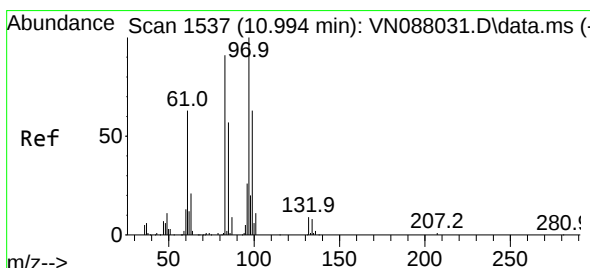
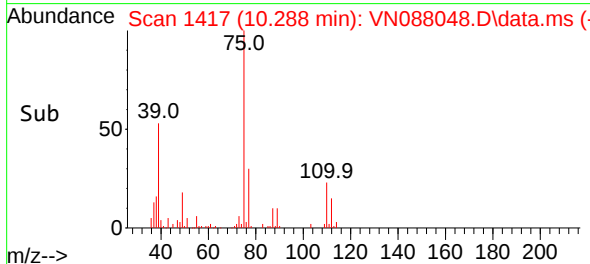
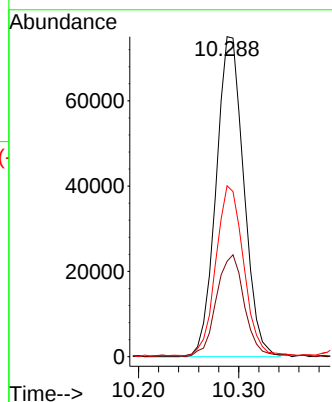
Tgt Ion: 75 Resp: 14397
Ion Ratio Lower Upper
75 100
77 29.6 25.0 37.4
39 53.0 37.4 56.0

Manual Integrations
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Reviewed By :John
Carlone

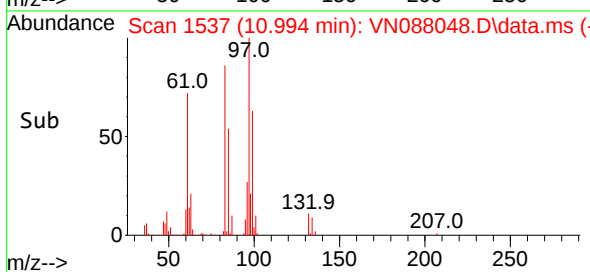
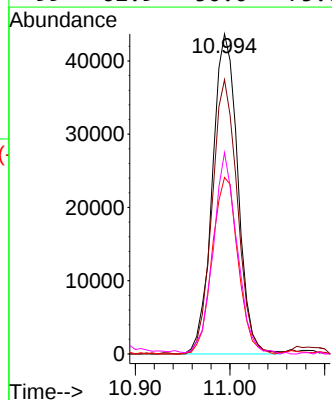
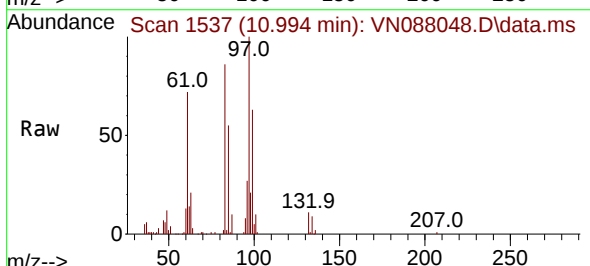
10/10/2025
Supervised By :Mahesh
Dadoda

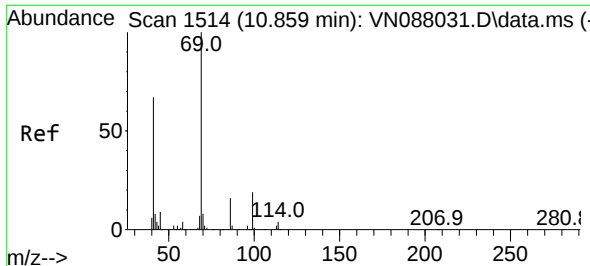
10/10/2025



#50
1,1,2-Trichloroethane
Concen: 19.243 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. 0.000 min
Lab File: VN088048.D
Acq: 09 Oct 2025 09:15

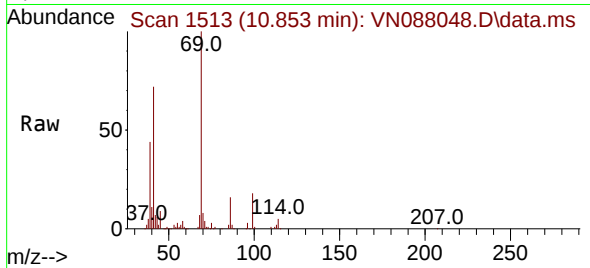
Tgt Ion: 97 Resp: 81367
Ion Ratio Lower Upper
97 100
83 85.7 72.5 108.7
85 55.2 45.5 68.3
99 62.9 50.0 75.0





#51
Ethyl methacrylate
Concen: 18.535 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.006 min
Lab File: VN088048.D
Acq: 09 Oct 2025 09:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



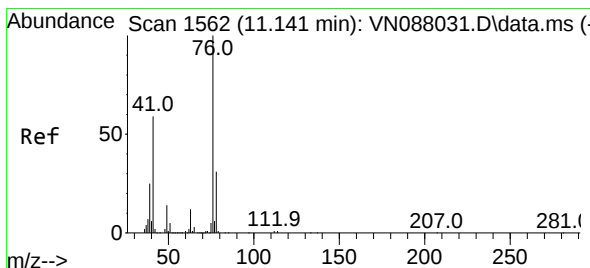
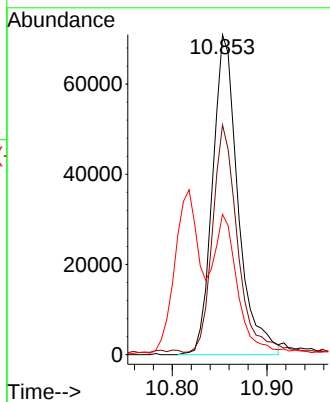
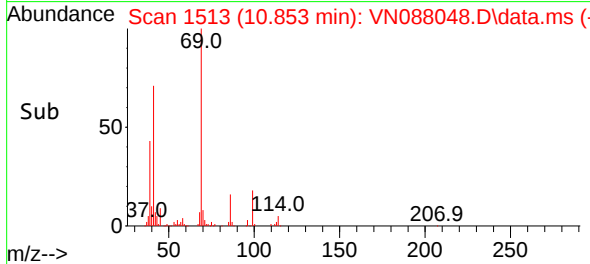
Tgt Ion: 69 Resp: 132633
Ion Ratio Lower Upper
69 100
41 70.5 33.3 99.8
39 42.2 20.3 61.0

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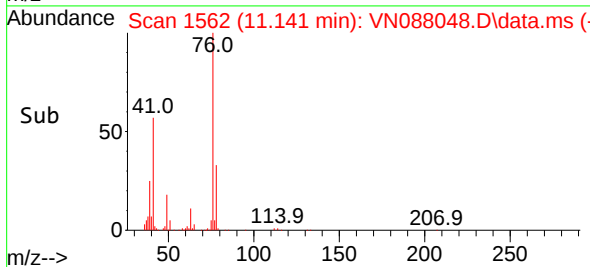
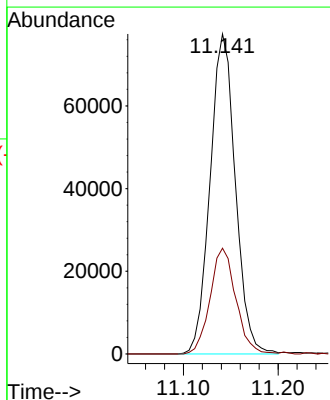
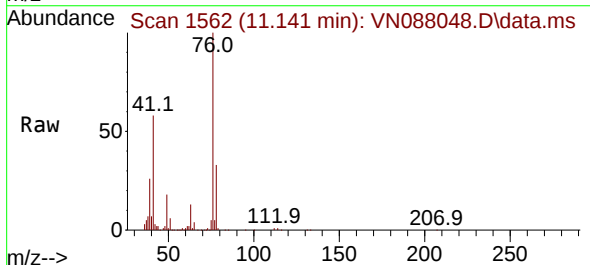
10/10/2025
Supervised By :Mahesh
Dadoda

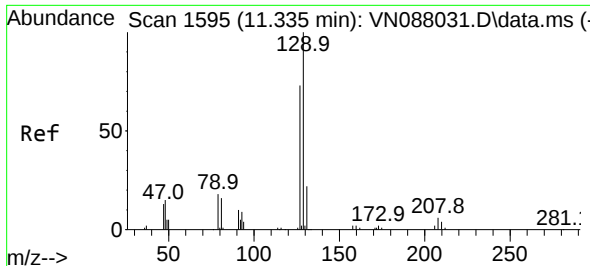
10/10/2025



#52
1,3-Dichloropropane
Concen: 19.457 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. 0.000 min
Lab File: VN088048.D
Acq: 09 Oct 2025 09:15

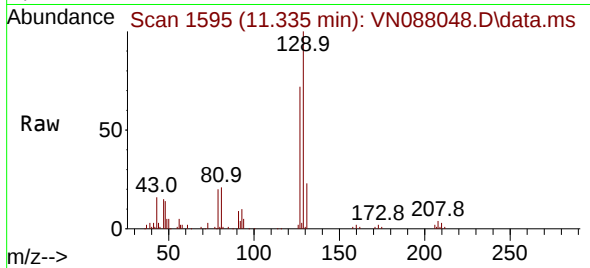
Tgt Ion: 76 Resp: 143535
Ion Ratio Lower Upper
76 100
78 33.6 0.0 65.0





#53
Dibromochloromethane
Concen: 19.091 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VN088048.D
Acq: 09 Oct 2025 09:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



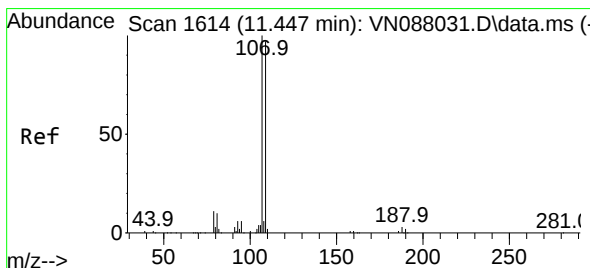
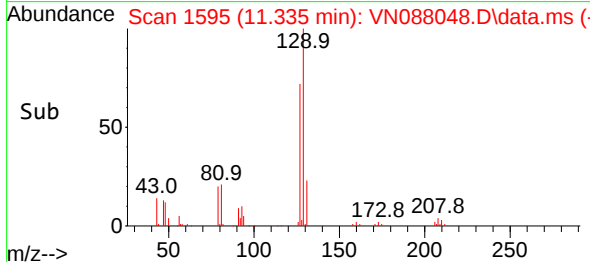
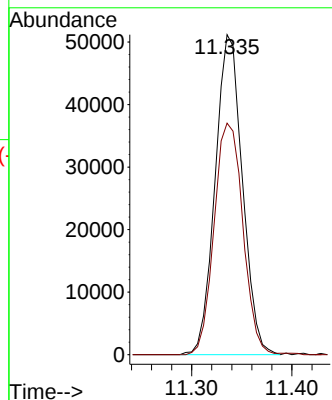
Tgt Ion:129 Resp: 9650
Ion Ratio Lower Upper
129 100
127 76.2 39.1 117.3

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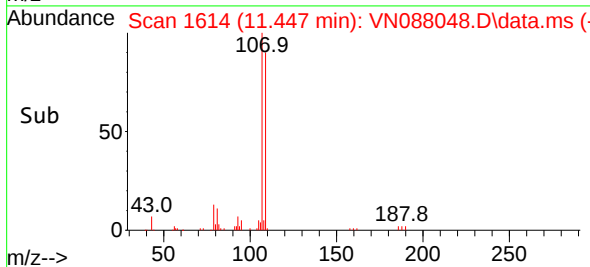
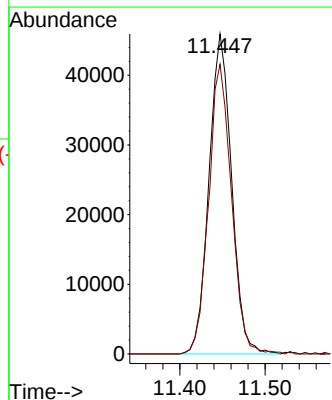
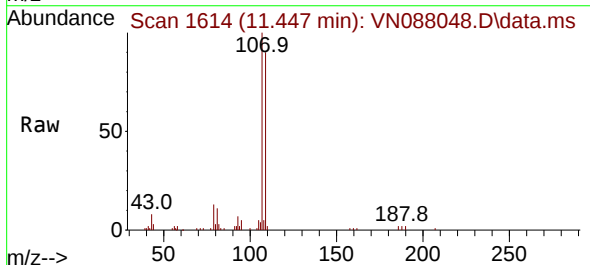
10/10/2025
Supervised By :Mahesh
Dadoda

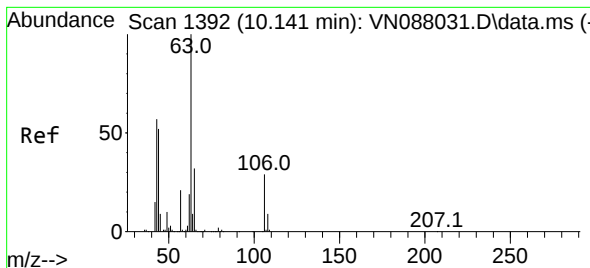
10/10/2025



#54
1,2-Dibromoethane
Concen: 18.738 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN088048.D
Acq: 09 Oct 2025 09:15

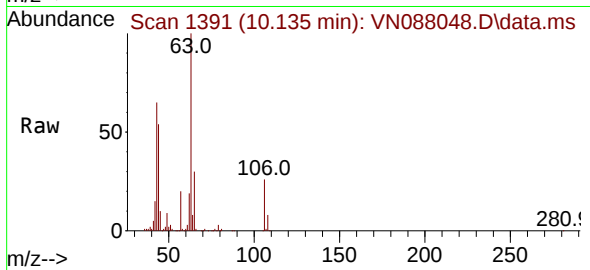
Tgt Ion:107 Resp: 84706
Ion Ratio Lower Upper
107 100
109 91.4 75.5 113.3





#55
2-Chloroethyl vinyl ether
Concen: 88.062 ug/l
RT: 10.135 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VN088048.D
Acq: 09 Oct 2025 09:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



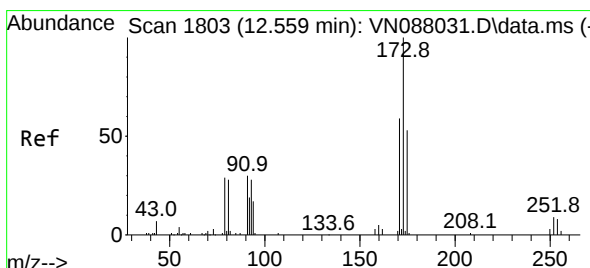
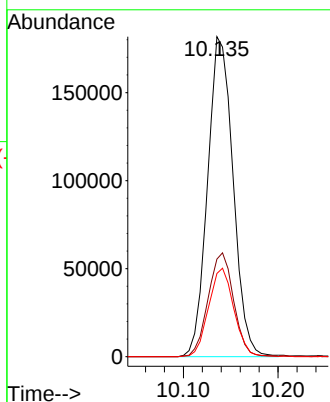
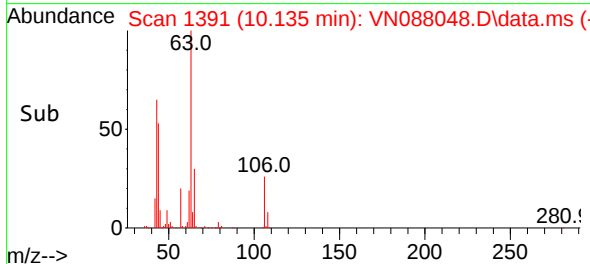
Tgt Ion: 63 Resp: 340140
Ion Ratio Lower Upper
63 100
65 32.2 25.7 38.5
106 27.4 22.6 34.0

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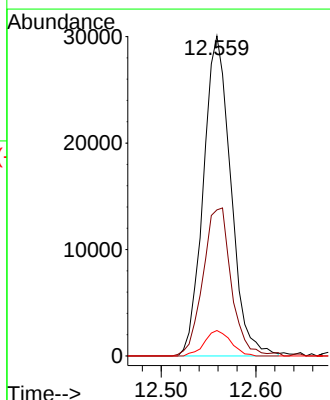
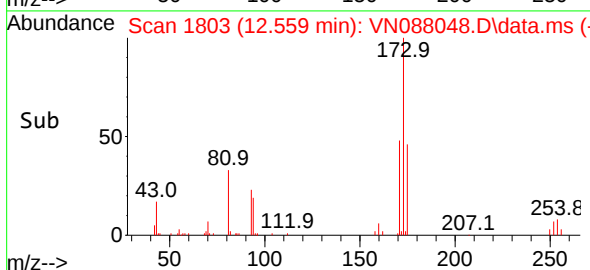
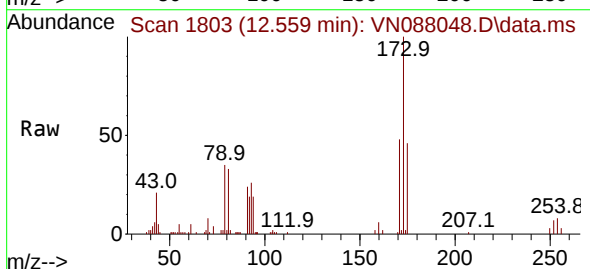
10/10/2025
Supervised By :Mahesh
Dadoda

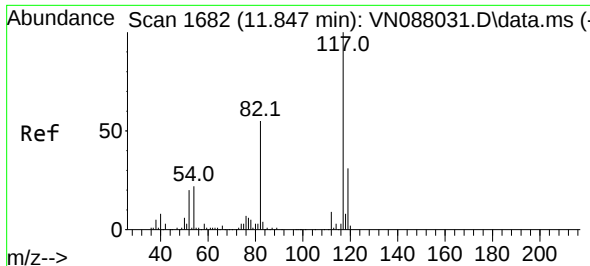
10/10/2025



#56
Bromoform
Concen: 17.685 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN088048.D
Acq: 09 Oct 2025 09:15

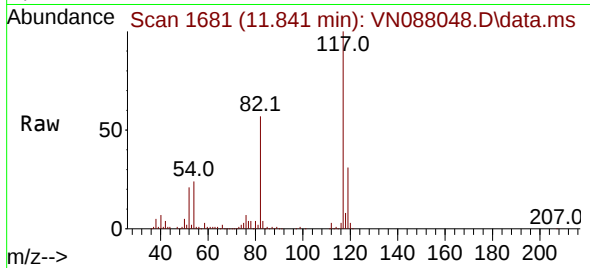
Tgt Ion:173 Resp: 60439
Ion Ratio Lower Upper
173 100
175 47.4 39.6 59.4
254 7.6 6.6 10.0





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.841 min Scan# 1682
Delta R.T. -0.006 min
Lab File: VN088048.D
Acq: 09 Oct 2025 09:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



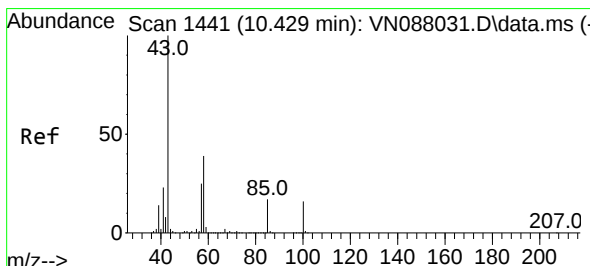
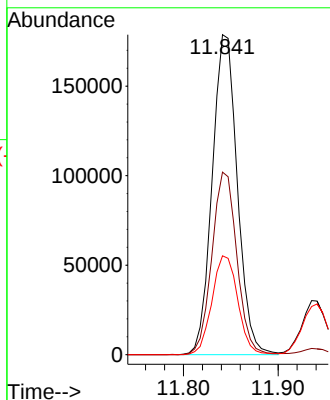
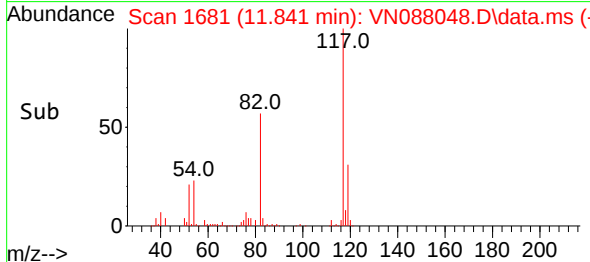
Tgt Ion: 117 Resp: 329849
Ion Ratio Lower Upper
117 100
82 56.8 45.2 67.8
119 31.7 25.9 38.9

Manual Integrations
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Reviewed By :John
Carlone

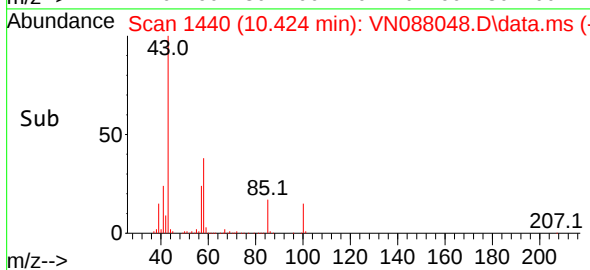
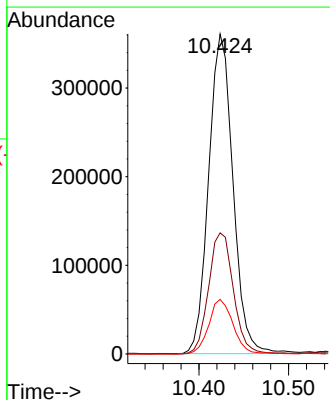
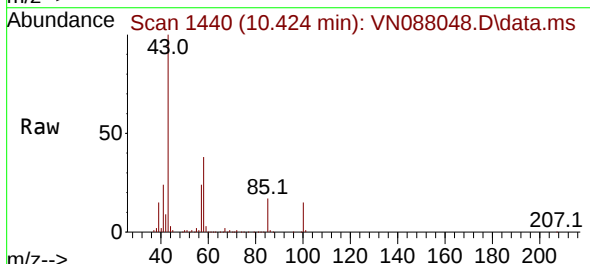
10/10/2025
Supervised By :Mahesh
Dadoda

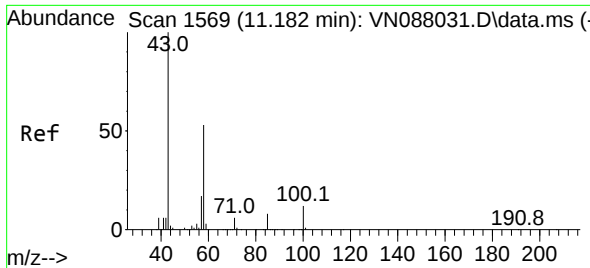
10/10/2025



#58
4-Methyl-2-Pentanone
Concen: 91.904 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.006 min
Lab File: VN088048.D
Acq: 09 Oct 2025 09:15

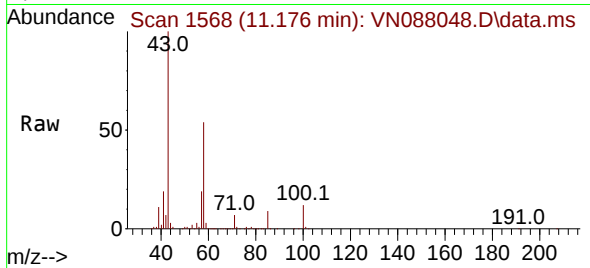
Tgt Ion: 43 Resp: 678061
Ion Ratio Lower Upper
43 100
58 38.7 31.2 46.8
85 17.2 13.7 20.5





#59
2-Hexanone
Concen: 93.823 ug/l
RT: 11.176 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VN088048.D
Acq: 09 Oct 2025 09:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



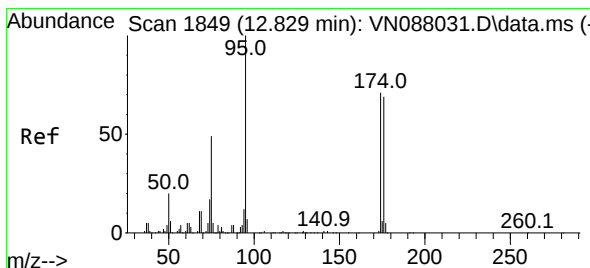
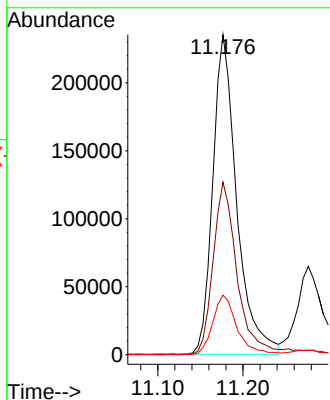
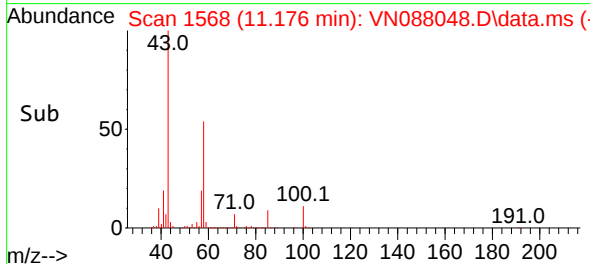
Tgt Ion: 43 Resp: 457029
Ion Ratio Lower Upper
43 100
58 53.9 43.1 64.7
57 19.0 14.6 21.8

Manual Integrations
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Reviewed By :John
Carlone

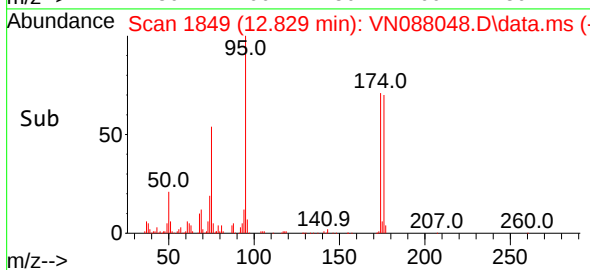
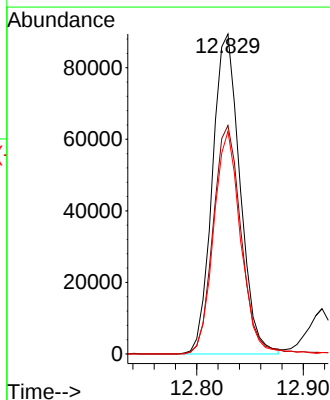
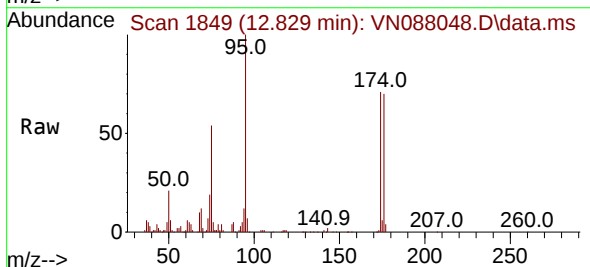
10/10/2025
Supervised By :Mahesh
Dadoda

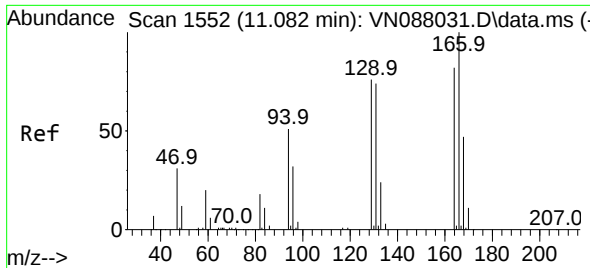
10/10/2025



#60
4-Bromofluorobenzene
Concen: 29.629 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN088048.D
Acq: 09 Oct 2025 09:15

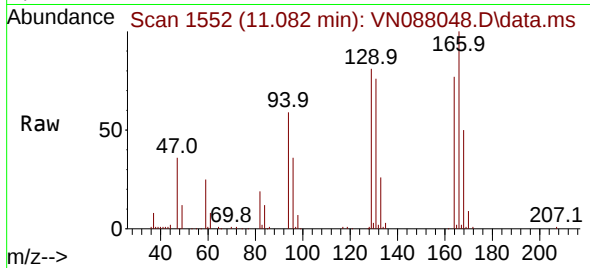
Tgt Ion: 95 Resp: 161117
Ion Ratio Lower Upper
95 100
174 72.9 57.4 86.0
176 68.5 57.0 85.4





#61
Tetrachloroethene
Concen: 19.153 ug/l
RT: 11.082 min Scan# 11082
Delta R.T. 0.000 min
Lab File: VN088048.D
Acq: 09 Oct 2025 09:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



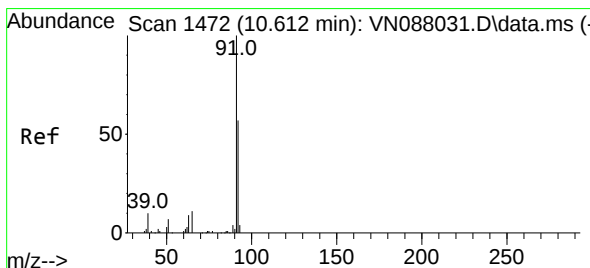
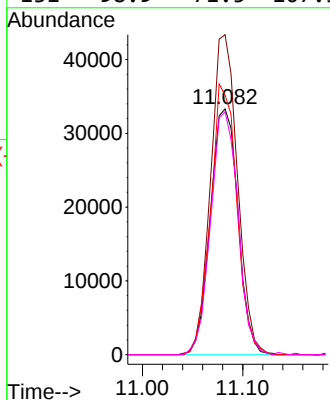
Tgt Ion:164 Resp: 6397
Ion Ratio Lower Upper
164 100
166 130.2 97.2 145.8
129 105.6 73.7 110.5
131 98.9 71.5 107.3

Manual Integrations
APPROVED

Reviewed By :John
Carlone

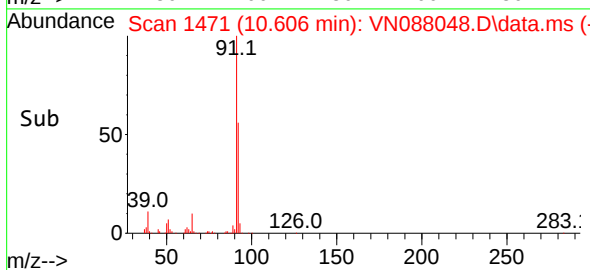
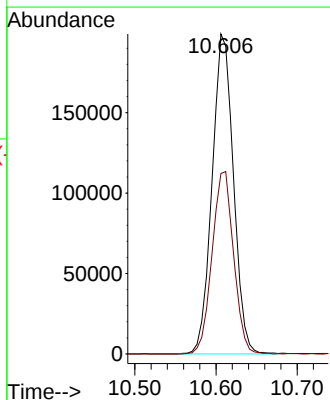
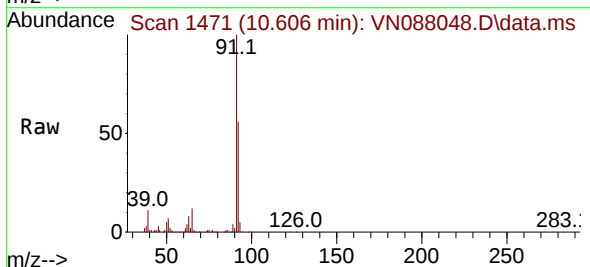
10/10/2025
Supervised By :Mahesh
Dadoda

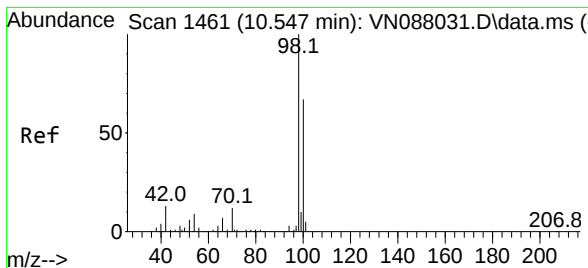
10/10/2025



#62
Toluene
Concen: 19.457 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VN088048.D
Acq: 09 Oct 2025 09:15

Tgt Ion: 91 Resp: 364042
Ion Ratio Lower Upper
91 100
92 57.5 45.8 68.8





#63
Toluene-d8
Concen: 30.780 ug/l
RT: 10.541 min Scan# 1461
Delta R.T. -0.006 min
Lab File: VN088048.D
Acq: 09 Oct 2025 09:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

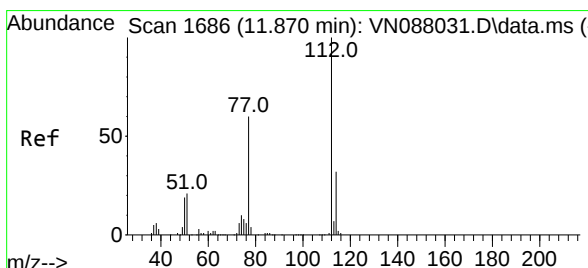
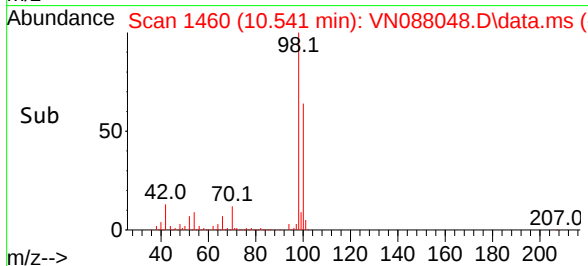
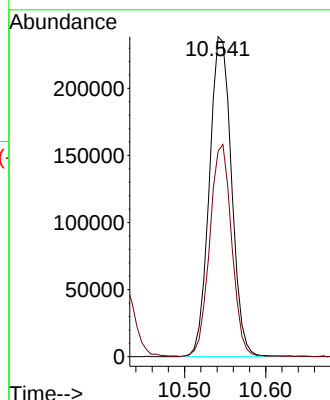
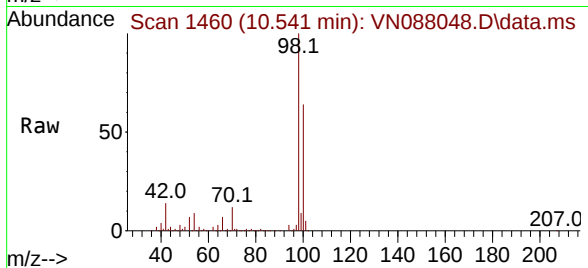
Tgt Ion: 98 Resp: 45235
Ion Ratio Lower Upper
98 100
100 65.6 53.1 79.7

Manual Integrations
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Reviewed By :John
Carlone

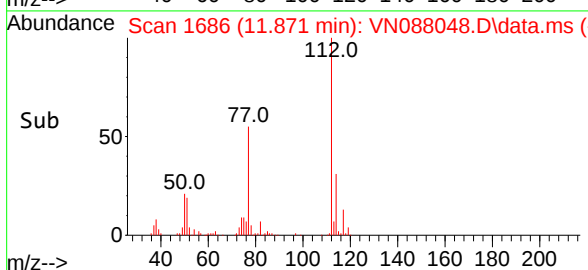
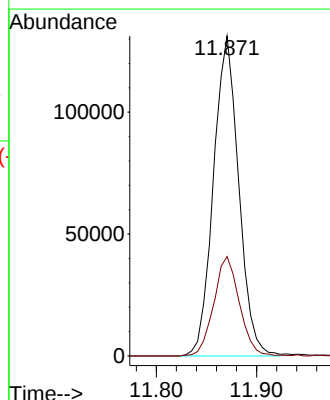
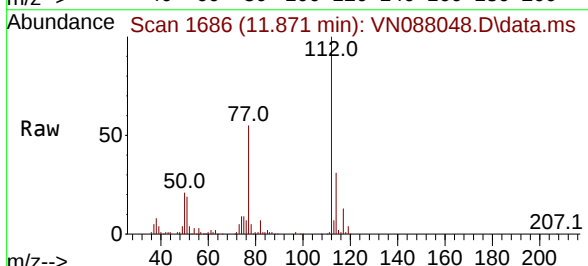
10/10/2025
Supervised By :Mahesh
Dadoda

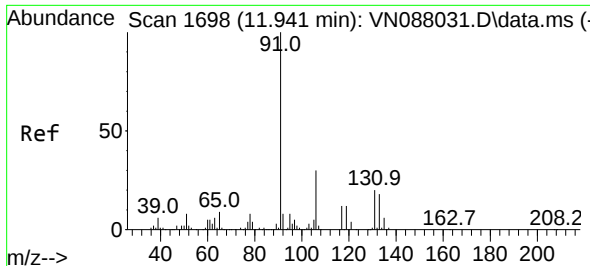
10/10/2025



#64
Chlorobenzene
Concen: 19.228 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN088048.D
Acq: 09 Oct 2025 09:15

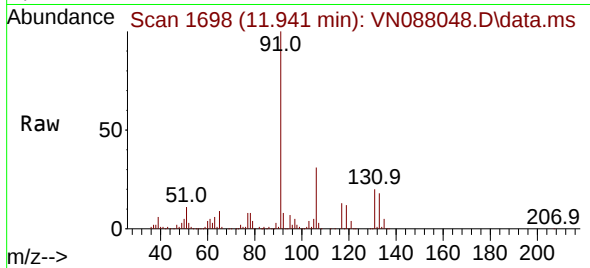
Tgt Ion:112 Resp: 229791
Ion Ratio Lower Upper
112 100
114 31.1 25.7 38.5





#65
1,1,1,2-Tetrachloroethane
Concen: 19.495 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088048.D
Acq: 09 Oct 2025 09:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



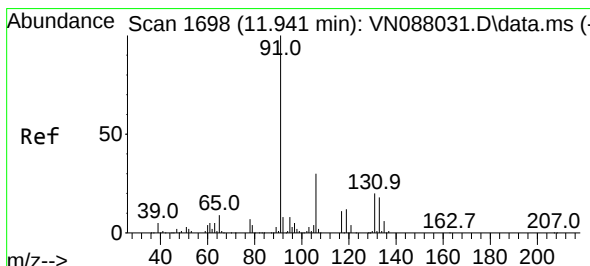
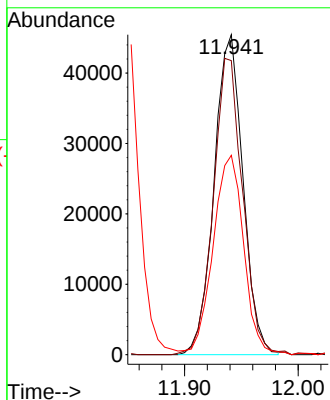
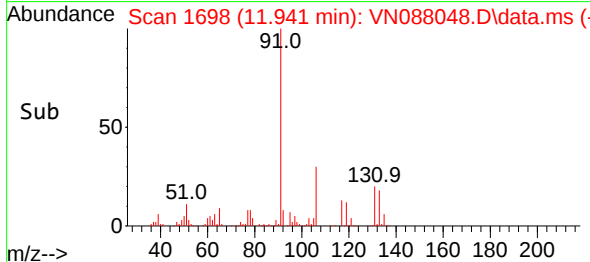
Tgt Ion:131 Resp: 80288
Ion Ratio Lower Upper
131 100
133 94.0 0.0 183.8
119 65.7 0.0 132.0

Manual Integrations
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Reviewed By :John
Carlone

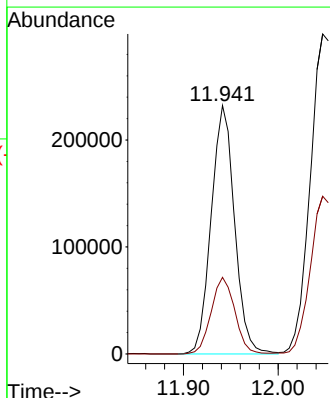
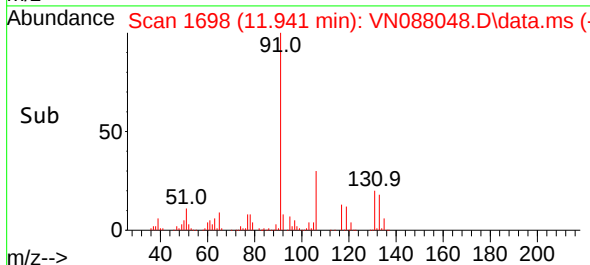
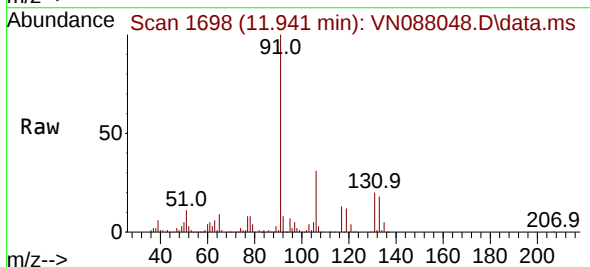
10/10/2025
Supervised By :Mahesh
Dadoda

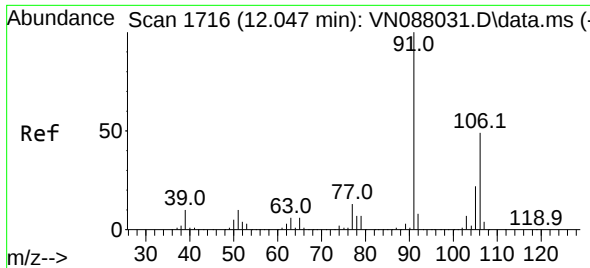
10/10/2025



#66
Ethyl Benzene
Concen: 19.577 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088048.D
Acq: 09 Oct 2025 09:15

Tgt Ion: 91 Resp: 398296
Ion Ratio Lower Upper
91 100
106 30.8 24.0 36.0





#67
m/p-Xylenes
Concen: 38.757 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN088048.D
Acq: 09 Oct 2025 09:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

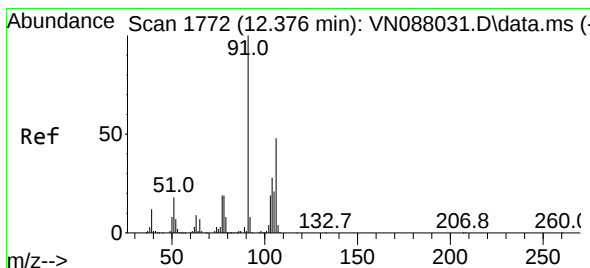
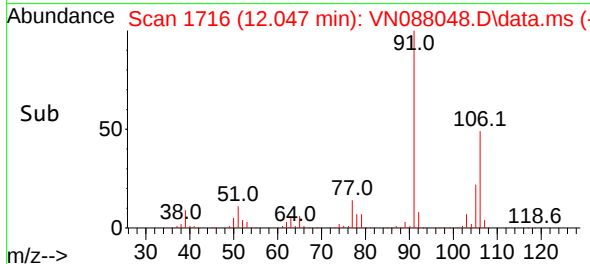
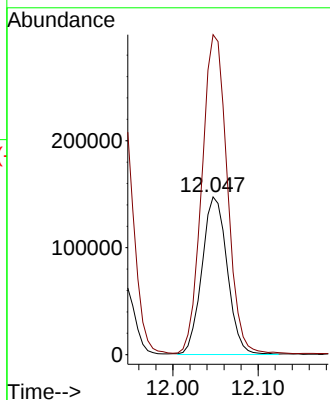
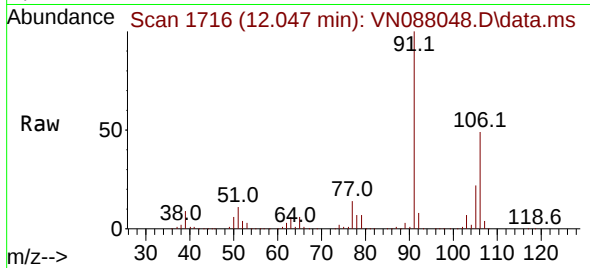
Tgt Ion:106 Resp: 303975
Ion Ratio Lower Upper
106 100
91 204.9 161.4 242.0

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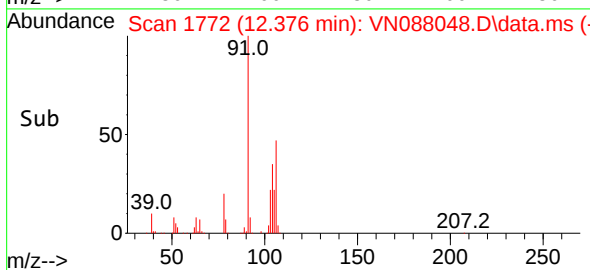
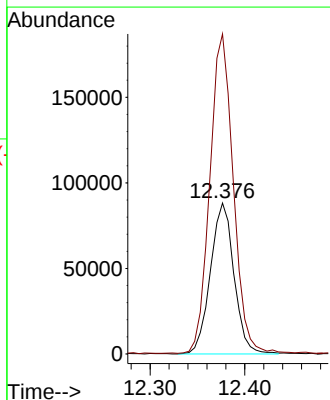
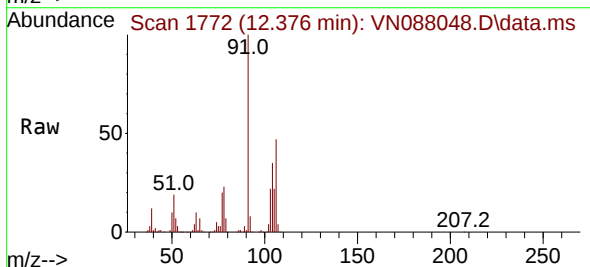
10/10/2025
Supervised By :Mahesh
Dadoda

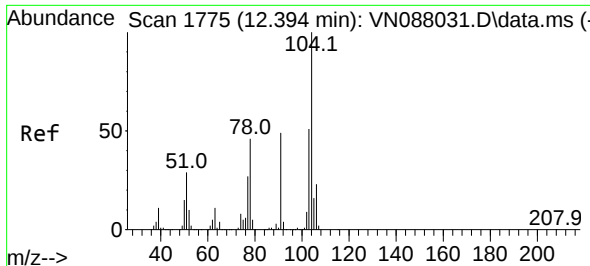
10/10/2025



#68
o-Xylene
Concen: 19.565 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN088048.D
Acq: 09 Oct 2025 09:15

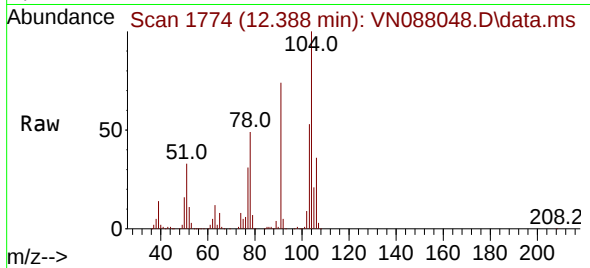
Tgt Ion:106 Resp: 152756
Ion Ratio Lower Upper
106 100
91 210.7 105.2 315.6





#69
Styrene
Concen: 19.203 ug/l
RT: 12.388 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN088048.D
Acq: 09 Oct 2025 09:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



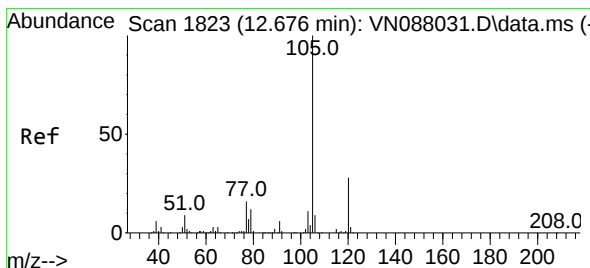
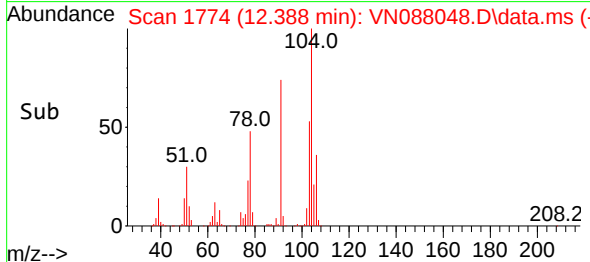
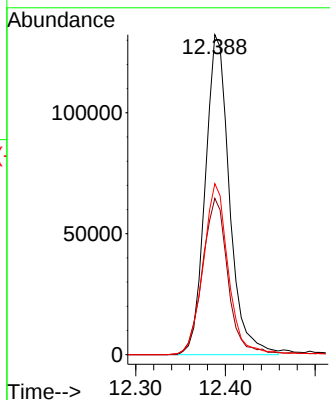
Tgt Ion:104 Resp: 24801
Ion Ratio Lower Upper
104 100
78 51.2 41.8 62.6
103 55.5 44.9 67.3

Manual Integrations
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Reviewed By :John
Carlone

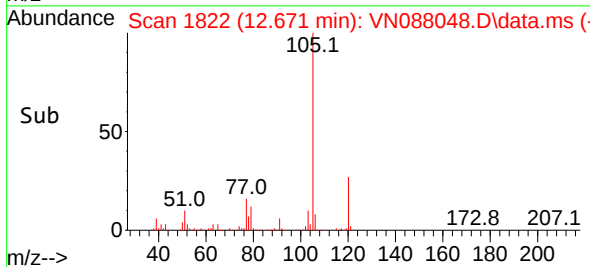
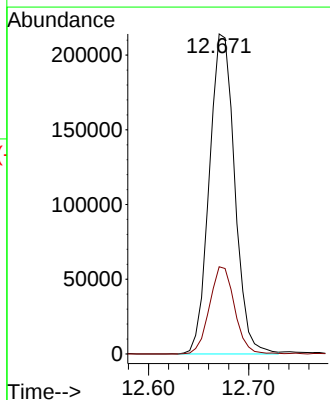
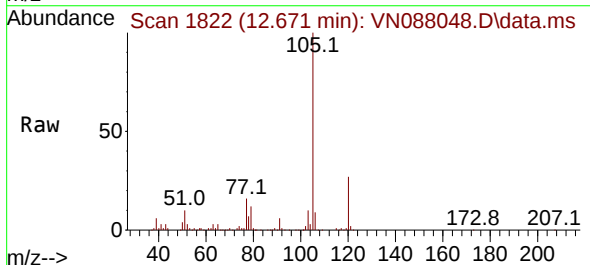
10/10/2025
Supervised By :Mahesh
Dadoda

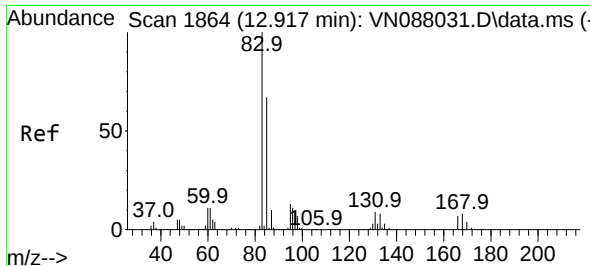
10/10/2025



#70
Isopropylbenzene
Concen: 19.713 ug/l
RT: 12.671 min Scan# 1822
Delta R.T. -0.006 min
Lab File: VN088048.D
Acq: 09 Oct 2025 09:15

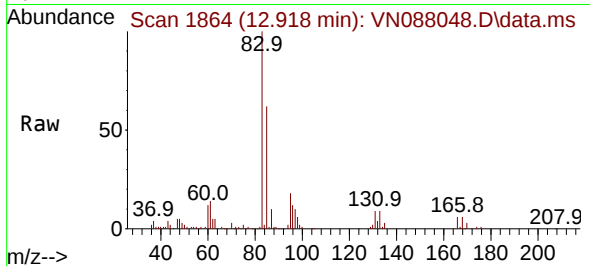
Tgt Ion:105 Resp: 377225
Ion Ratio Lower Upper
105 100
120 26.9 19.1 35.5





#71
1,1,2,2-Tetrachloroethane
Concen: 18.631 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN088048.D
Acq: 09 Oct 2025 09:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



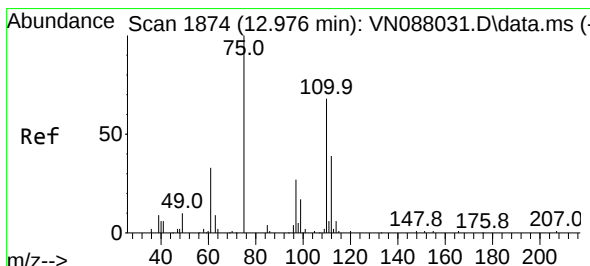
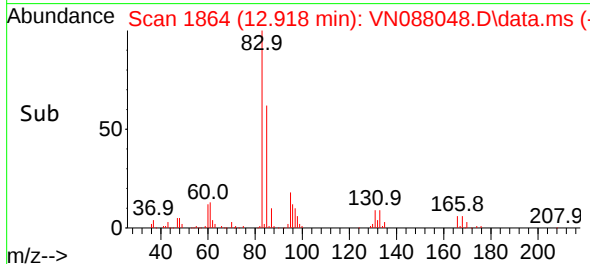
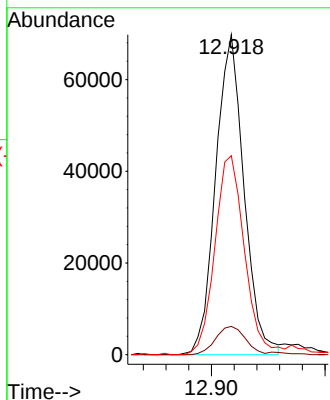
Tgt Ion: 83 Resp: 120874
Ion Ratio Lower Upper
83 100
131 9.2 4.8 14.3
85 65.0 32.4 97.2

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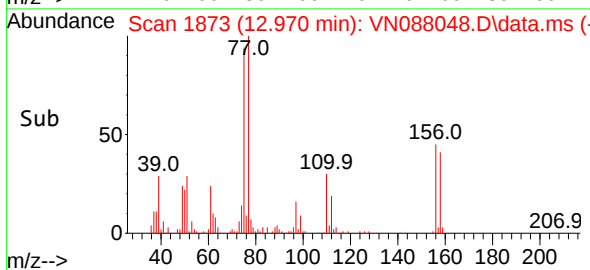
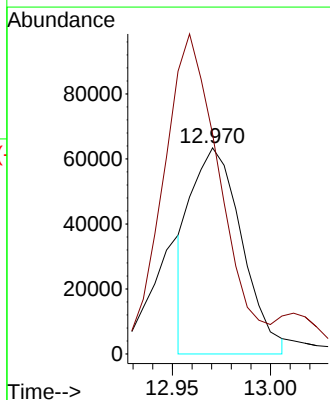
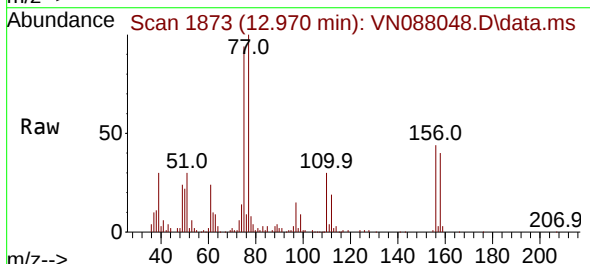
10/10/2025
Supervised By :Mahesh
Dadoda

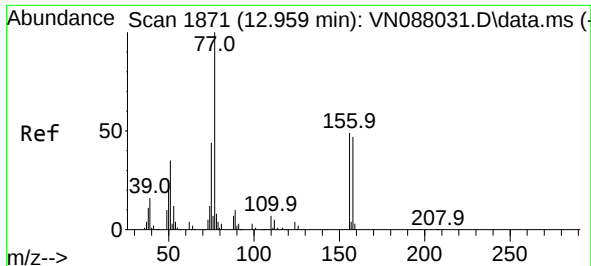
10/10/2025



#72
1,2,3-Trichloropropane
Concen: 19.014 ug/l m
RT: 12.970 min Scan# 1873
Delta R.T. -0.006 min
Lab File: VN088048.D
Acq: 09 Oct 2025 09:15

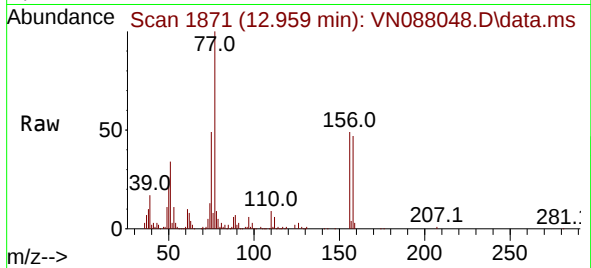
Tgt Ion: 75 Resp: 114564
Ion Ratio Lower Upper
75 100
77 173.6 0.0 364.0





#73
Bromobenzene
Concen: 18.611 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN088048.D
Acq: 09 Oct 2025 09:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



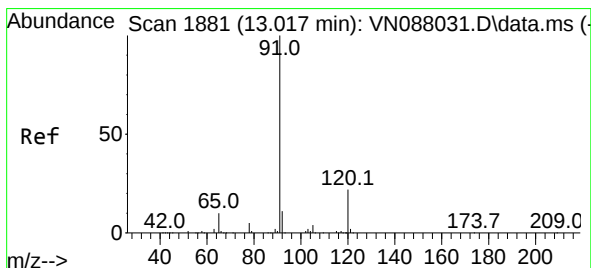
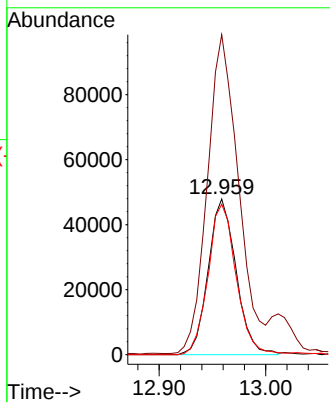
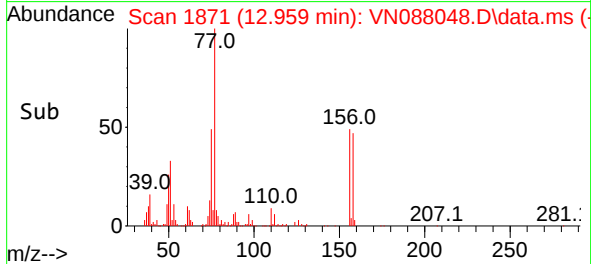
Tgt Ion:156 Resp: 87040
Ion Ratio Lower Upper
156 100
77 228.5 0.0 439.8
158 97.5 0.0 190.0

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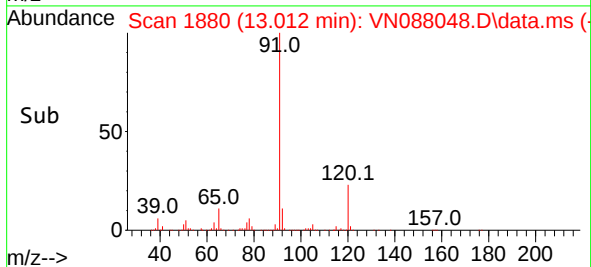
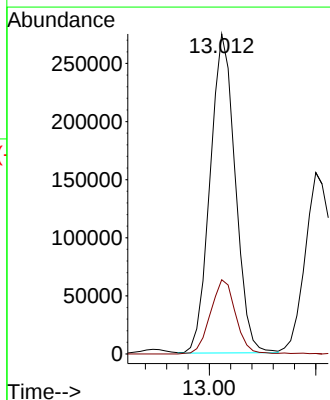
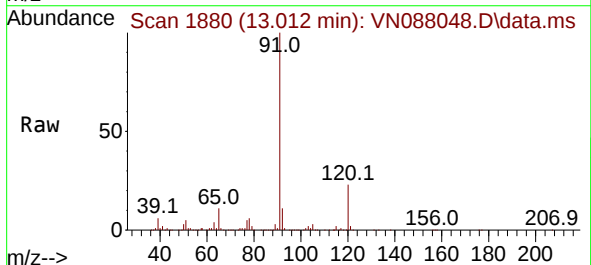
10/10/2025
Supervised By :Mahesh
Dadoda

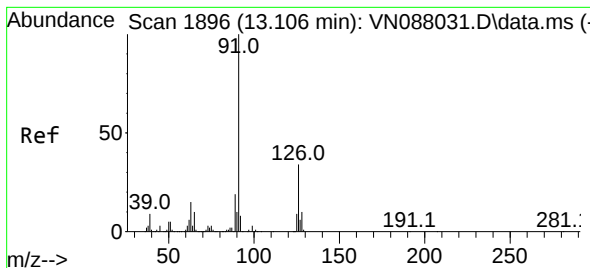
10/10/2025



#74
n-propylbenzene
Concen: 19.456 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.006 min
Lab File: VN088048.D
Acq: 09 Oct 2025 09:15

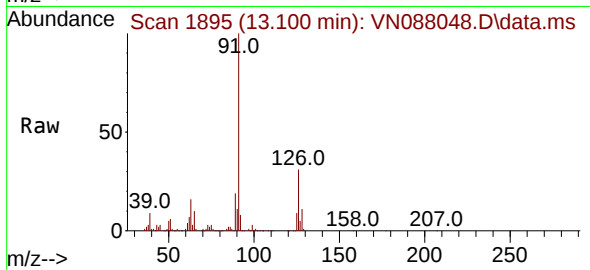
Tgt Ion: 91 Resp: 449438
Ion Ratio Lower Upper
91 100
120 23.2 0.0 46.2





#75
2-Chlorotoluene
Concen: 19.357 ug/l
RT: 13.100 min Scan# 1896
Delta R.T. -0.006 min
Lab File: VN088048.D
Acq: 09 Oct 2025 09:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



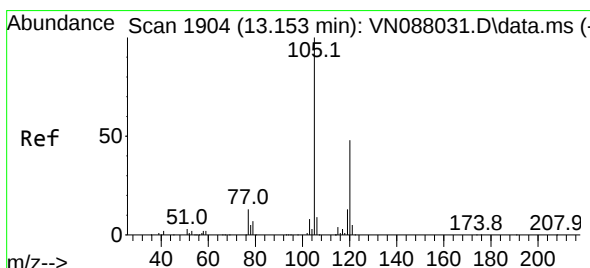
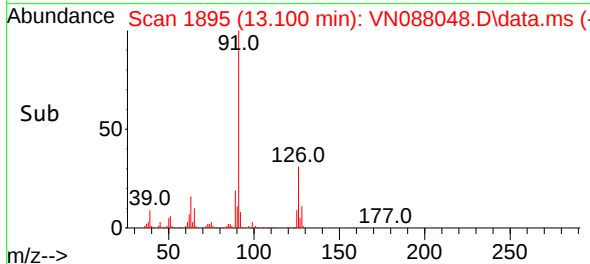
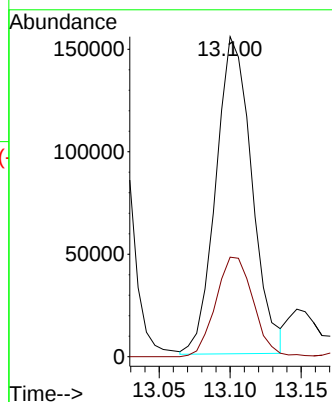
Tgt Ion: 91 Resp: 273420
Ion Ratio Lower Upper
91 100
126 32.8 0.0 66.6

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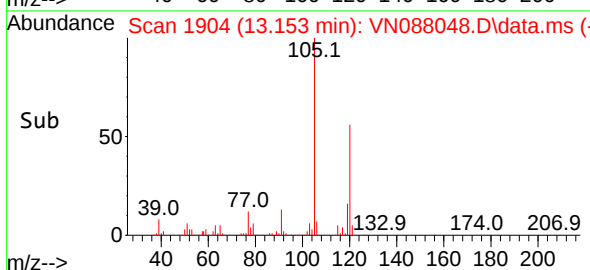
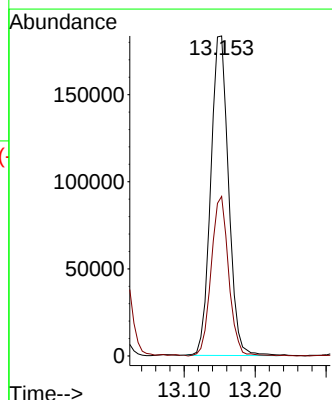
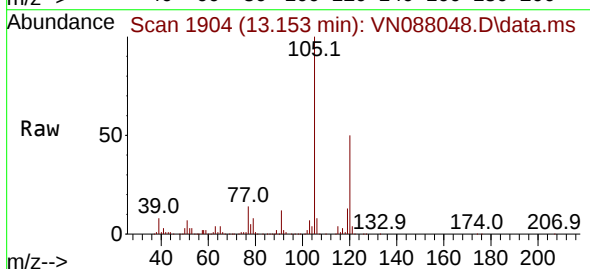
10/10/2025
Supervised By :Mahesh
Dadoda

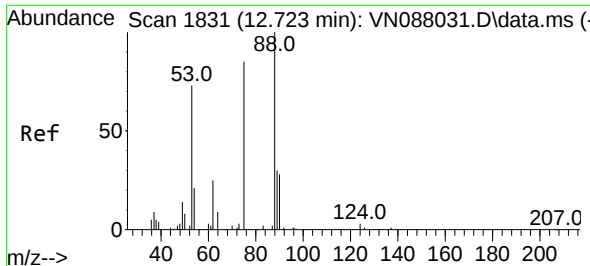
10/10/2025



#76
1,3,5-Trimethylbenzene
Concen: 19.639 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN088048.D
Acq: 09 Oct 2025 09:15

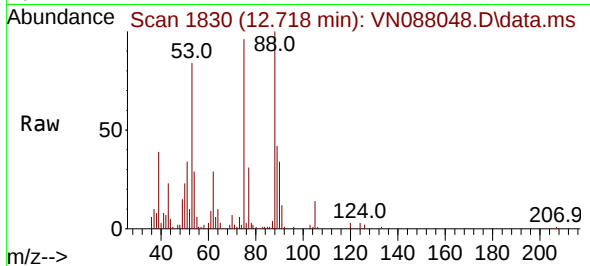
Tgt Ion:105 Resp: 319230
Ion Ratio Lower Upper
105 100
120 49.0 0.0 100.6





#77
t-1,4-Dichloro-2-butene
Concen: 17.057 ug/l
RT: 12.718 min Scan# 1831
Delta R.T. -0.006 min
Lab File: VN088048.D
Acq: 09 Oct 2025 09:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



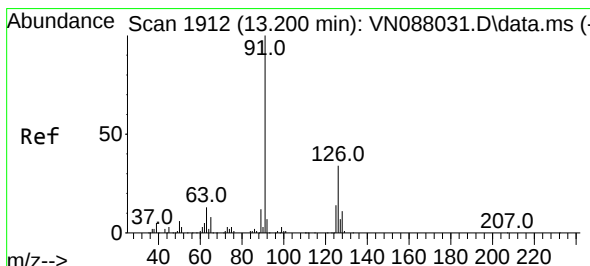
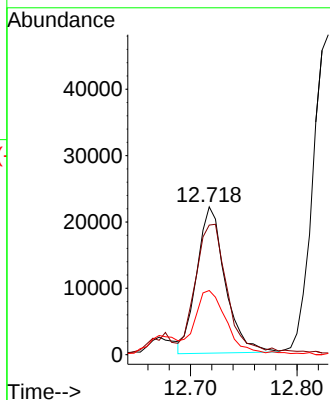
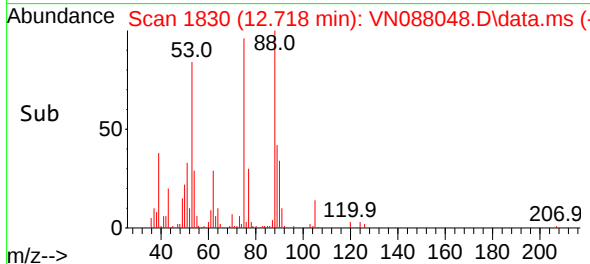
Tgt Ion: 75 Resp: 40950
Ion Ratio Lower Upper
75 100
53 87.1 41.8 125.3
89 43.1 19.9 59.6

Manual Integrations
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Reviewed By :John
Carlone

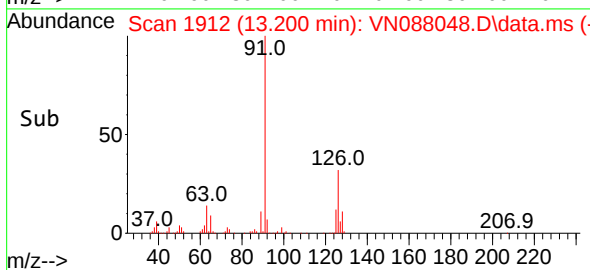
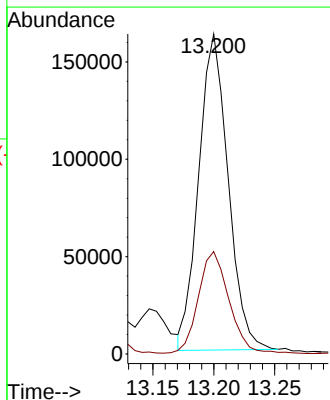
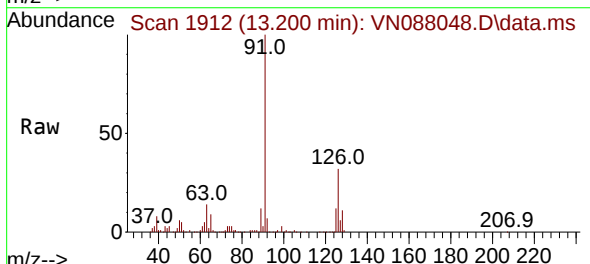
10/10/2025
Supervised By :Mahesh
Dadoda

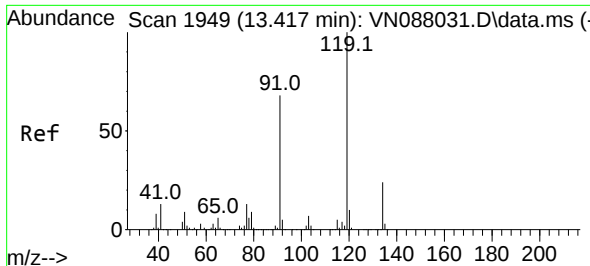
10/10/2025



#78
4-Chlorotoluene
Concen: 18.973 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN088048.D
Acq: 09 Oct 2025 09:15

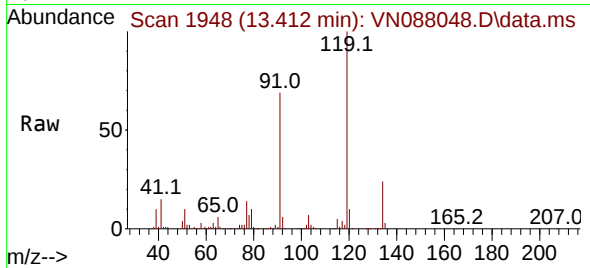
Tgt Ion: 91 Resp: 272264
Ion Ratio Lower Upper
91 100
126 34.4 0.0 68.8





#79
tert-butylbenzene
Concen: 19.919 ug/l
RT: 13.412 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VN088048.D
Acq: 09 Oct 2025 09:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



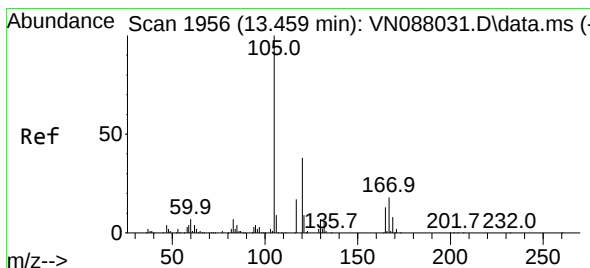
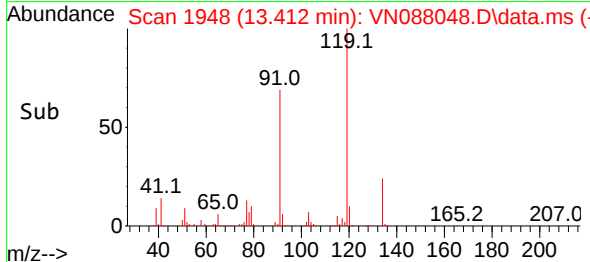
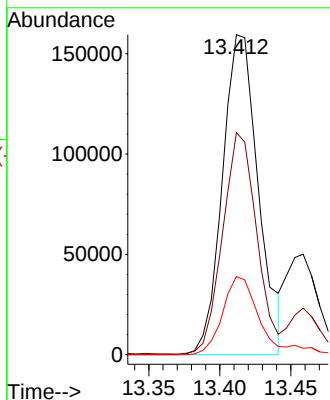
Tgt Ion:119 Resp: 28068
Ion Ratio Lower Upper
119 100
91 65.5 0.0 132.4
134 23.7 0.0 48.6

Manual Integrations
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Reviewed By :John
Carlone

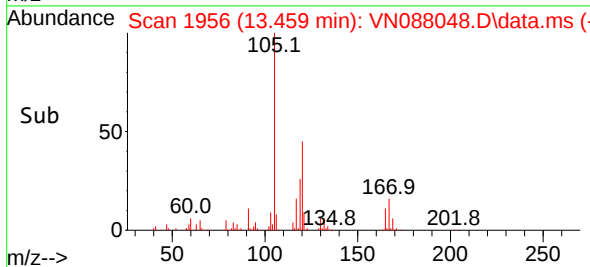
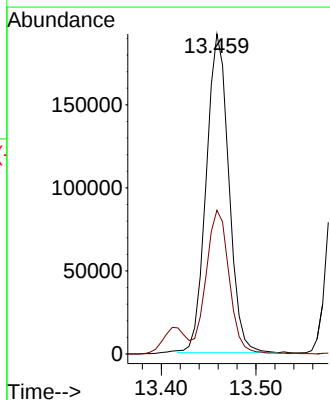
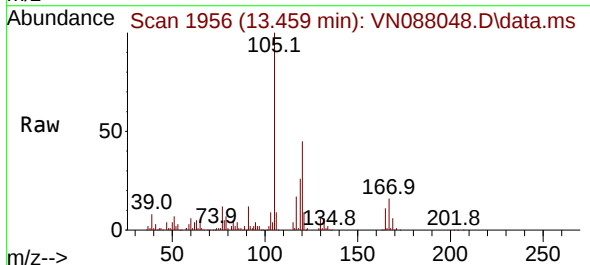
10/10/2025
Supervised By :Mahesh
Dadoda

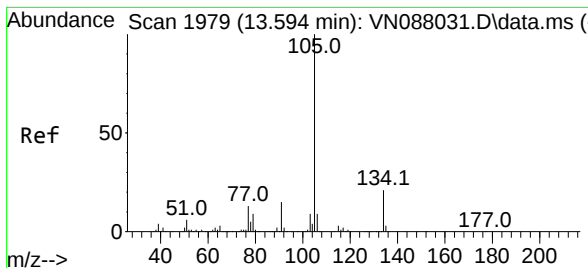
10/10/2025



#80
1,2,4-Trimethylbenzene
Concen: 19.568 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN088048.D
Acq: 09 Oct 2025 09:15

Tgt Ion:105 Resp: 318421
Ion Ratio Lower Upper
105 100
120 45.9 0.0 93.8





#81
 sec-Butylbenzene
 Concen: 19.787 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN088048.D
 Acq: 09 Oct 2025 09:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

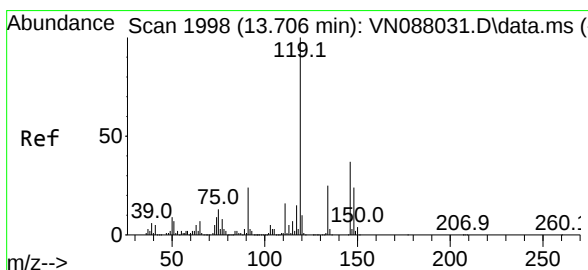
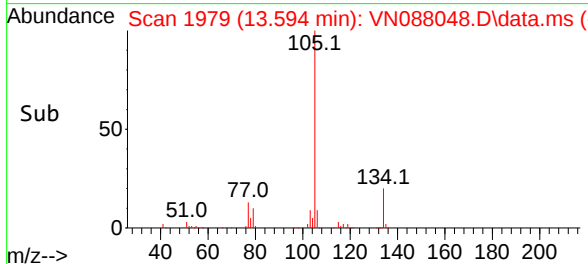
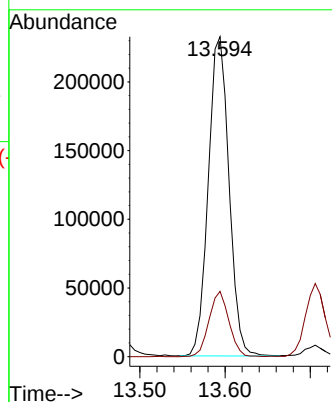
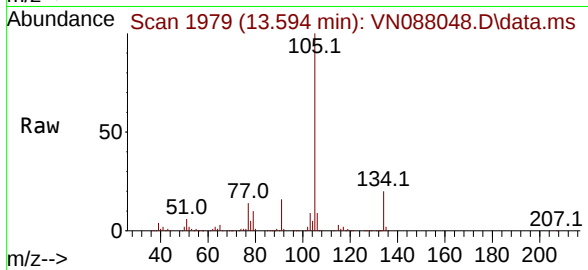
Tgt Ion:105 Resp: 392029
 Ion Ratio Lower Upper
 105 100
 134 19.7 0.0 41.2

Manual Integrations
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Reviewed By :John
 Carlone

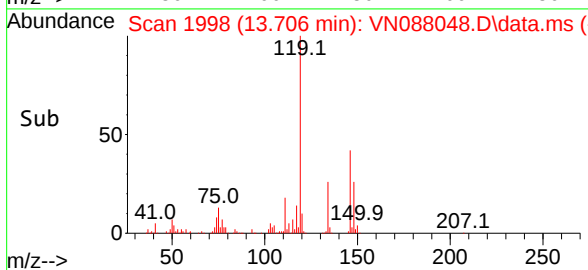
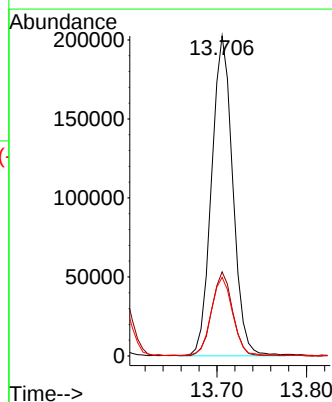
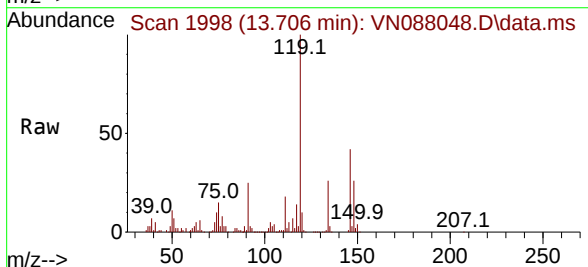
10/10/2025
 Supervised By :Mahesh
 Dadoda

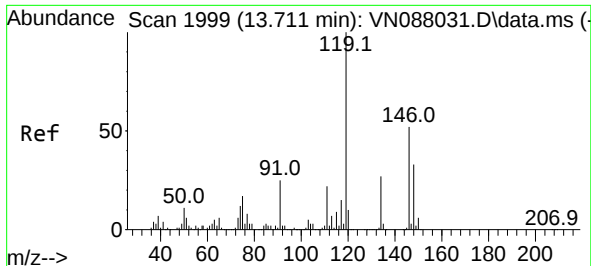
10/10/2025



#82
 p-Isopropyltoluene
 Concen: 19.582 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN088048.D
 Acq: 09 Oct 2025 09:15

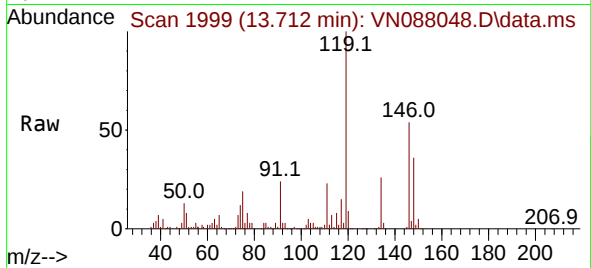
Tgt Ion:119 Resp: 331239
 Ion Ratio Lower Upper
 119 100
 134 25.9 0.0 52.6
 91 24.7 0.0 48.2





#83
1,3-Dichlorobenzene
Concen: 19.219 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN088048.D
Acq: 09 Oct 2025 09:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



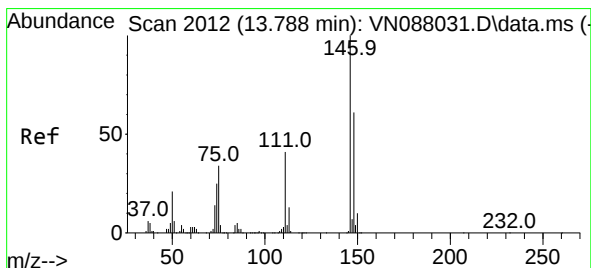
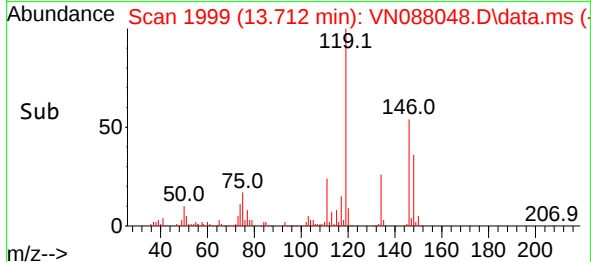
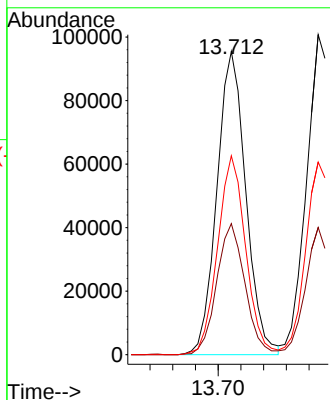
Tgt Ion:146 Resp: 16913
Ion Ratio Lower Upper
146 100
111 42.3 21.1 63.1
148 63.7 31.5 94.5

Manual Integrations
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Reviewed By :John
Carlone

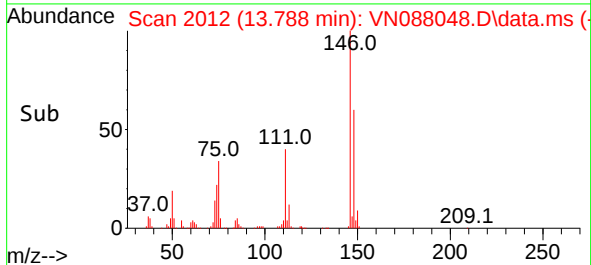
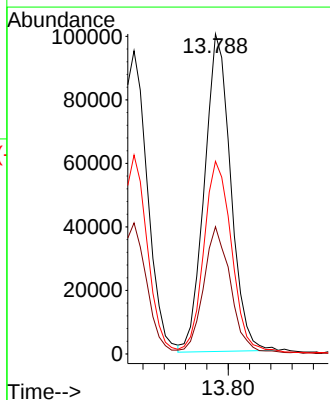
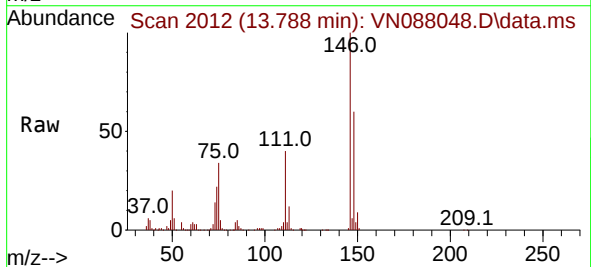
10/10/2025
Supervised By :Mahesh
Dadoda

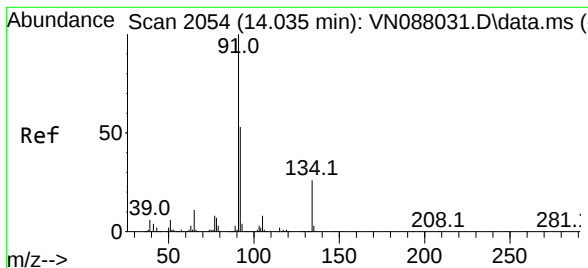
10/10/2025



#84
1,4-Dichlorobenzene
Concen: 18.856 ug/l
RT: 13.788 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN088048.D
Acq: 09 Oct 2025 09:15

Tgt Ion:146 Resp: 171129
Ion Ratio Lower Upper
146 100
111 41.4 20.5 61.6
148 65.9 31.9 95.9





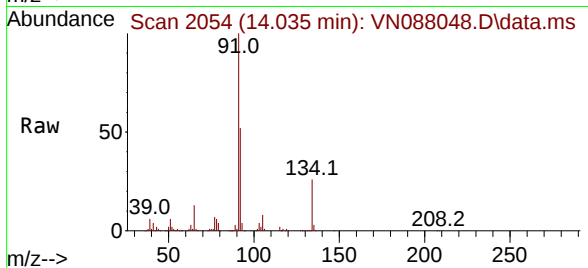
#85
n-Butylbenzene
Concen: 19.698 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN088048.D
Acq: 09 Oct 2025 09:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020



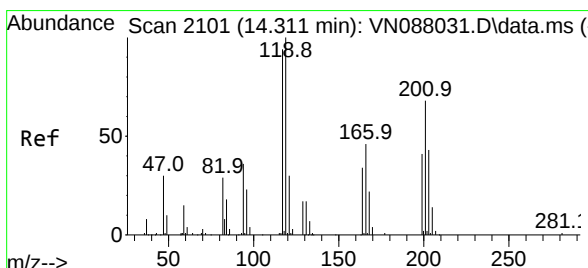
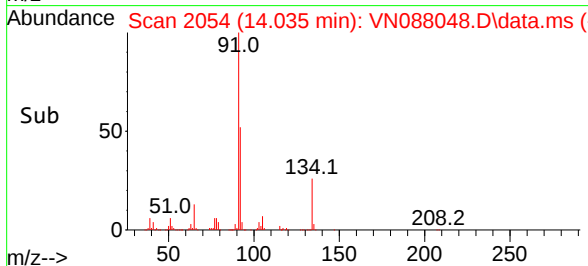
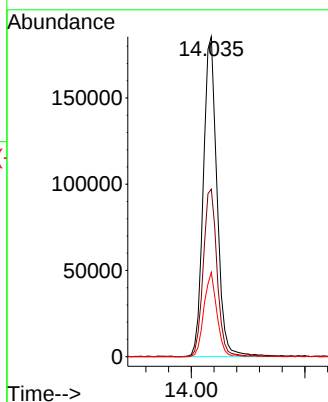
Tgt Ion: 91 Resp: 30998
Ion Ratio Lower Upper
91 100
92 52.5 0.0 107.6
134 25.1 0.0 52.6

Manual Integrations
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Reviewed By :John
Carlone

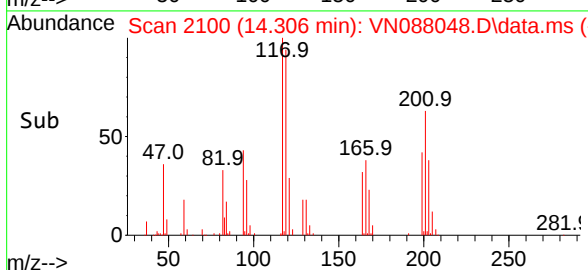
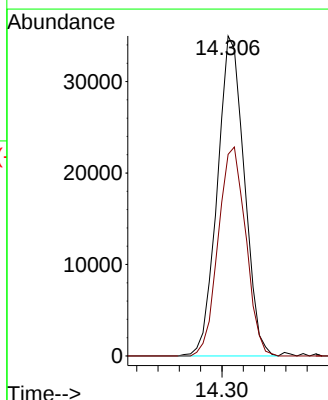
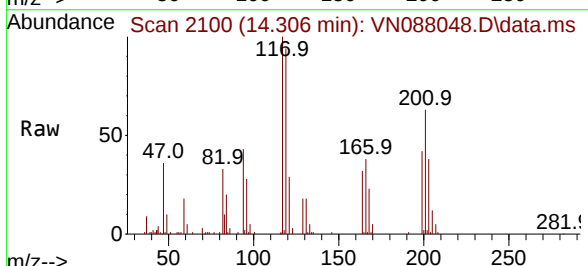
10/10/2025
Supervised By :Mahesh
Dadoda

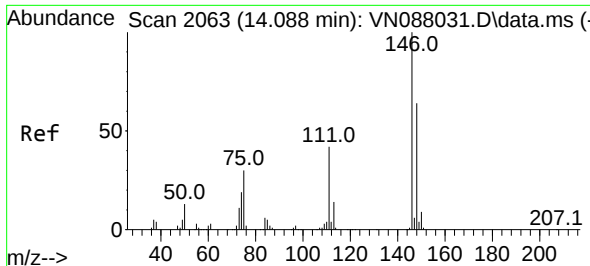
10/10/2025



#86
Hexachloroethane
Concen: 18.139 ug/l
RT: 14.306 min Scan# 2100
Delta R.T. -0.006 min
Lab File: VN088048.D
Acq: 09 Oct 2025 09:15

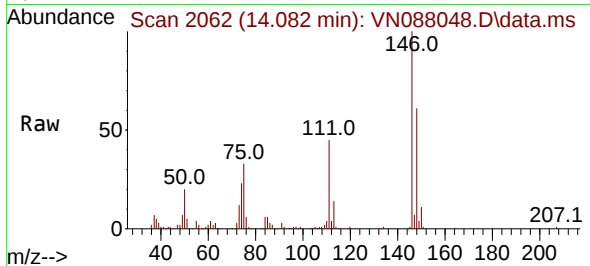
Tgt Ion:117 Resp: 61464
Ion Ratio Lower Upper
117 100
201 66.7 34.8 104.3





#87
1,2-Dichlorobenzene
Concen: 18.938 ug/l
RT: 14.082 min Scan# 2063
Delta R.T. -0.006 min
Lab File: VN088048.D
Acq: 09 Oct 2025 09:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



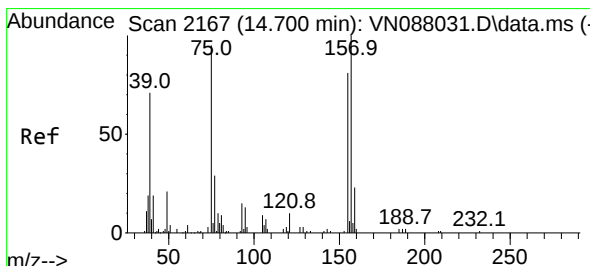
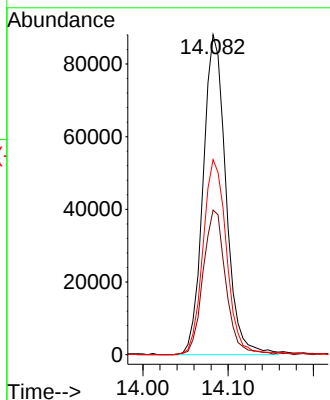
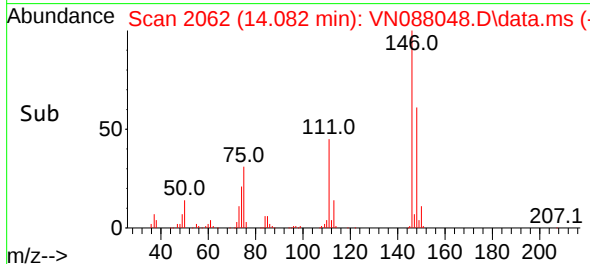
Tgt Ion:146 Resp: 16392
Ion Ratio Lower Upper
146 100
111 45.0 22.3 66.8
148 62.7 31.4 94.3

Manual Integrations
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Reviewed By :John
Carlone

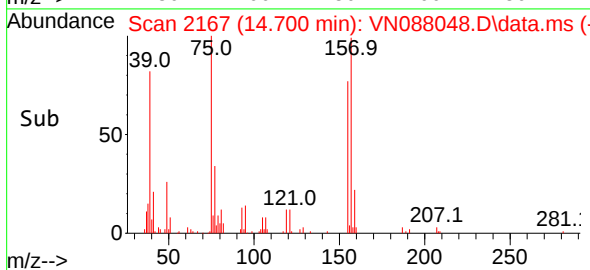
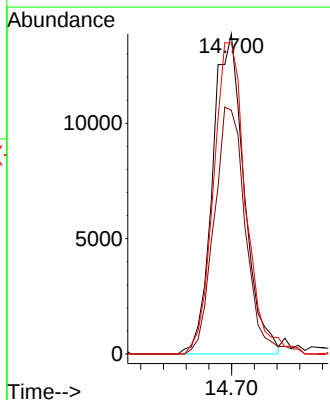
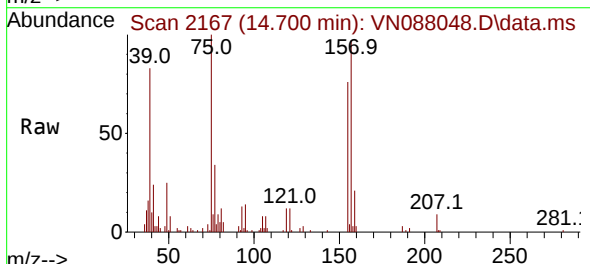
10/10/2025
Supervised By :Mahesh
Dadoda

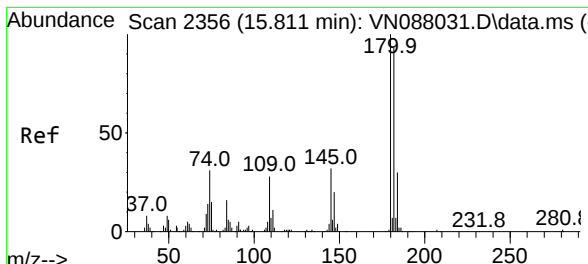
10/10/2025



#88
1,2-Dibromo-3-Chloropropane
Concen: 17.932 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. 0.000 min
Lab File: VN088048.D
Acq: 09 Oct 2025 09:15

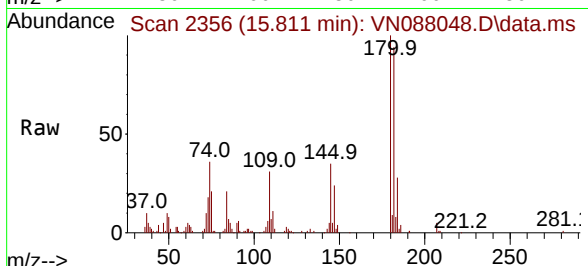
Tgt Ion: 75 Resp: 26719
Ion Ratio Lower Upper
75 100
155 77.0 63.5 95.3
157 98.9 81.7 122.5





#89
1,2,4-Trichlorobenzene
Concen: 18.039 ug/l
RT: 15.811 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN088048.D
Acq: 09 Oct 2025 09:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



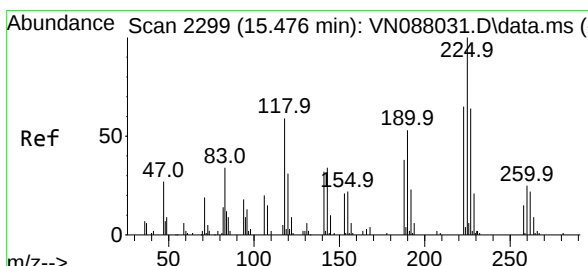
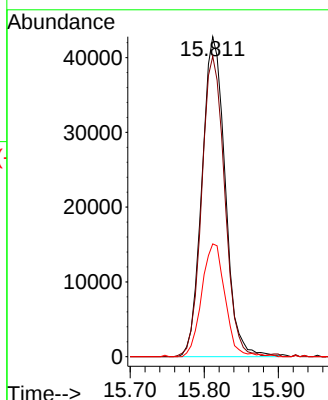
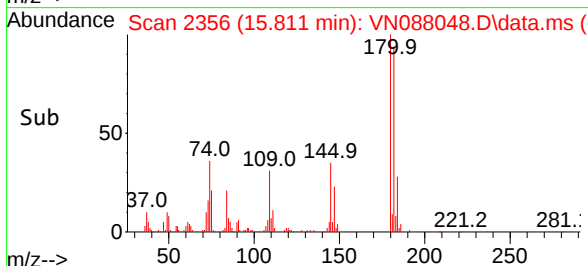
Tgt Ion:180 Resp: 9300
Ion Ratio Lower Upper
180 100
182 92.7 74.6 112.0
145 35.4 27.2 40.8

Manual Integrations
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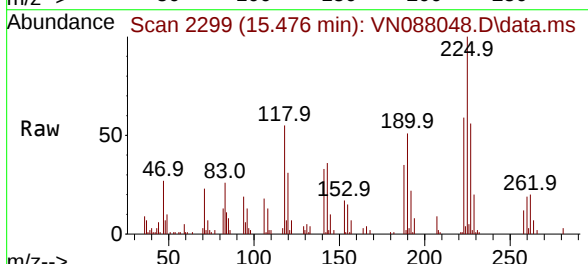
Reviewed By :John
Carlone

10/10/2025
Supervised By :Mahesh
Dadoda

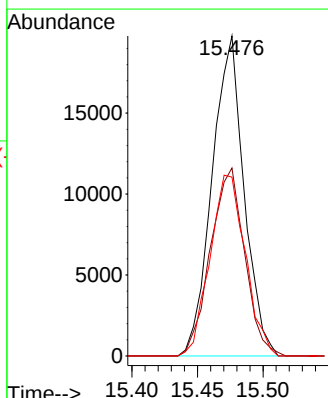
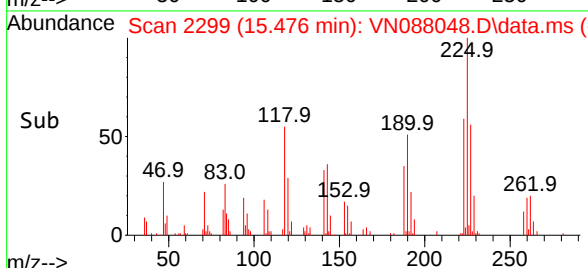
10/10/2025

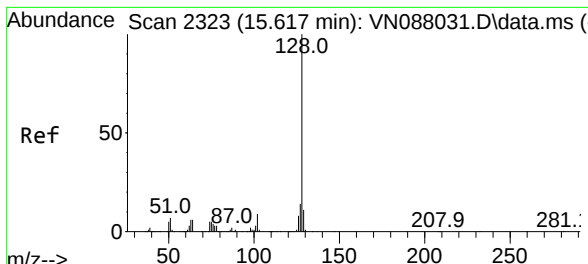


#90
Hexachlorobutadiene
Concen: 18.674 ug/l
RT: 15.476 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VN088048.D
Acq: 09 Oct 2025 09:15



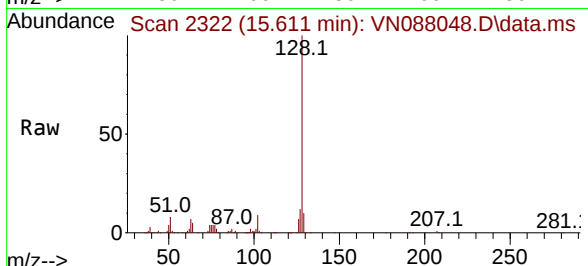
Tgt Ion:225 Resp: 33508
Ion Ratio Lower Upper
225 100
223 62.6 0.0 129.6
227 62.6 0.0 132.2





#91
Naphthalene
Concen: 18.295 ug/l
RT: 15.611 min Scan# 2322
Delta R.T. -0.006 min
Lab File: VN088048.D
Acq: 09 Oct 2025 09:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



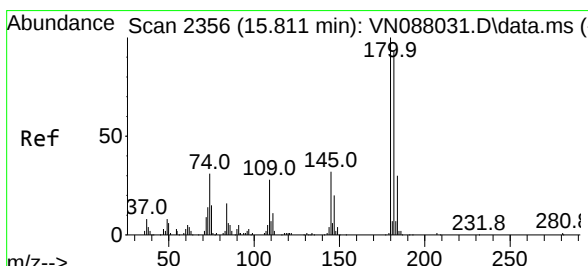
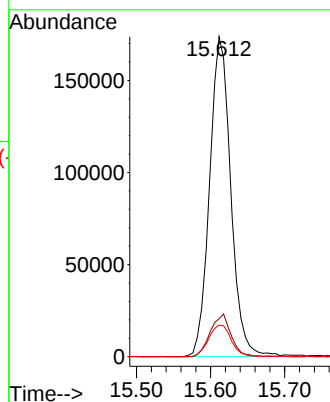
Tgt Ion:128 Resp: 34533
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.4 8.6 13.0

Manual Integrations
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Reviewed By :John
Carlone

10/10/2025
Supervised By :Mahesh
Dadoda

10/10/2025



#92
1,2,3-Trichlorobenzene
Concen: 18.039 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. 0.000 min
Lab File: VN088048.D
Acq: 09 Oct 2025 09:15

Tgt Ion:180 Resp: 93007
Ion Ratio Lower Upper
180 100
182 92.7 0.0 186.6
145 35.4 0.0 68.0

