

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052925\
 Data File : VN086810.D
 Acq On : 29 May 2025 12:32
 Operator : JC\MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: May 30 02:00:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052925W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 30 01:54:37 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/30/2025
 Supervised By : Mahesh Dadoda 05/30/2025

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

Internal Standards						
1) Bromochloromethane	7.812	128	36893	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	214272	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	196186	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	76003	29.984	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	99.933%	
60) 4-Bromofluorobenzene	12.847	95	96629	31.371	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	104.567%	
63) Toluene-d8	10.565	98	263361	29.247	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	97.500%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	393557	157.066	ug/l	98
3) Chloromethane	2.359	50	496195	153.588	ug/l	100
4) Vinyl Chloride	2.512	62	455234	153.117	ug/l	96
5) Bromomethane	2.936	94	219489	139.333	ug/l	95
6) Chloroethane	3.106	64	271090	149.078	ug/l	97
7) Trichlorofluoromethane	3.495	101	534659	153.541	ug/l	97
8) Diethyl Ether	3.953	74	226810	156.147	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	325621	152.581	ug/l	99
10) 1,1-Dichloroethene	4.336	96	344213	158.207	ug/l	98
11) Methyl Iodide	4.583	142	419020	163.374	ug/l	99
12) Methyl Acetate	5.018	43	388225	161.108	ug/l	98
13) Acrolein	4.171	56	185339	739.474	ug/l	100
14) Acrylonitrile	5.712	53	875674	778.784	ug/l	98
15) Acetone	4.418	58	216694	761.146	ug/l	91
16) Carbon Disulfide	4.706	76	997627	157.081	ug/l	100
17) Allyl chloride	5.018	41	503689	155.834	ug/l	97
18) Methylene Chloride	5.271	84	381924	151.156	ug/l	99
19) trans-1,2-Dichloroethene	5.783	96	354108	155.524	ug/l	93
20) Diisopropyl ether	6.665	45	1070786	150.420	ug/l	97
21) 1,1-Dichloroethane	6.565	63	649780	151.250	ug/l	100
22) cis-1,2-Dichloroethene	7.483	96	431754	156.585	ug/l	99
23) tert-Butyl Alcohol	5.512	59	287436	796.044	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	1123614	156.699	ug/l	97
25) Chloroform	7.965	83	634951	151.004	ug/l	99
26) Cyclohexane	8.253	56	581403	156.367	ug/l #	96
29) 1,1-Dichloropropene	8.365	75	484127	153.670	ug/l	100
30) 2-Butanone	7.477	43	1038066	752.026	ug/l	99
31) 2,2-Dichloropropane	7.489	77	540887	145.448	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	544727	149.159	ug/l	98
33) Carbon Tetrachloride	8.359	117	471666	151.090	ug/l	97
34) Benzene	8.600	78	1542311	150.461	ug/l	98
35) Methacrylonitrile	7.771	41	233226	147.087	ug/l	93
36) 1,2-Dichloroethane	8.665	62	440263	146.570	ug/l	100
37) Trichloroethene	9.347	130	431319	151.697	ug/l	98
38) Methylcyclohexane	9.594	83	555561	158.937	ug/l	97
39) 1,2-Dichloropropane	9.618	63	370083	149.963	ug/l	98
40) Dibromomethane	9.706	93	242715	150.374	ug/l	99
41) Bromodichloromethane	9.883	83	511876	151.502	ug/l	98
42) Vinyl Acetate	6.600	43	2981846	741.087	ug/l	99

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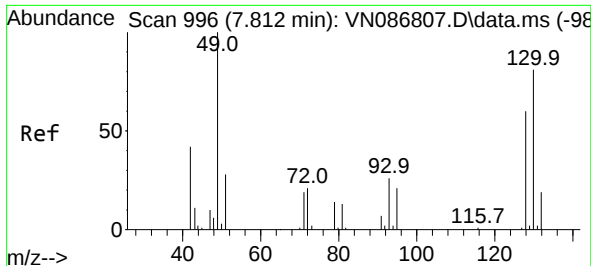
Quant Time: May 30 02:00:22 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	408257	144.539	ug/l	96
44) Isopropyl Acetate	8.683	43	724719	149.571	ug/l	98
45) 1,4-Dioxane	9.694	88	125010	2902.752	ug/l	97
46) Methyl methacrylate	9.677	41	341082	152.666	ug/l	96
47) n-amyl Acetate	12.488	43	636180	163.548	ug/l	98
48) t-1,3-Dichloropropene	10.830	75	567557	156.978	ug/l	99
49) cis-1,3-Dichloropropene	10.306	75	613191	154.193	ug/l	97
50) 1,1,2-Trichloroethane	11.012	97	343707	151.193	ug/l	98
51) Ethyl methacrylate	10.871	69	593573	161.221	ug/l	93
52) 1,3-Dichloropropane	11.159	76	609094	150.976	ug/l	100
53) Dibromochloromethane	11.359	129	400048	155.726	ug/l	100
54) 1,2-Dibromoethane	11.465	107	355975	153.191	ug/l	99
55) 2-Chloroethyl vinyl ether	10.159	63	1431031	809.741	ug/l	99
56) Bromoform	12.576	173	264806	163.599	ug/l	98
58) 4-Methyl-2-Pentanone	10.441	43	2115299	734.811	ug/l	97
59) 2-Hexanone	11.194	43	1561930	757.473	ug/l	98
61) Tetrachloroethene	11.100	164	492833	149.443	ug/l	92
62) Toluene	10.630	91	1648918	149.235	ug/l	99
64) Chlorobenzene	11.888	112	1069756	151.815	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.959	131	349584	151.013	ug/l	99
66) Ethyl Benzene	11.959	91	1869658	156.442	ug/l	96
67) m/p-Xylenes	12.071	106	1466789	312.763	ug/l	97
68) o-Xylene	12.394	106	717874	157.947	ug/l	97
69) Styrene	12.406	104	1219572	161.058	ug/l	100
70) Isopropylbenzene	12.694	105	1713400	158.500	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.935	83	390847	152.071	ug/l	99
72) 1,2,3-Trichloropropane	12.988	75	454375m	143.500	ug/l	
73) Bromobenzene	12.976	156	425121	158.221	ug/l	99
74) n-propylbenzene	13.029	91	2049785	160.082	ug/l	99
75) 2-Chlorotoluene	13.123	91	1292500	157.264	ug/l	98
76) 1,3,5-Trimethylbenzene	13.171	105	1464473	162.846	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	201774	163.684	ug/l	89
78) 4-Chlorotoluene	13.218	91	1301445	159.859	ug/l	99
79) tert-butylbenzene	13.435	119	1252026	161.026	ug/l	98
80) 1,2,4-Trimethylbenzene	13.476	105	1491239	165.201	ug/l	100
81) sec-Butylbenzene	13.612	105	1731895	163.500	ug/l	100
82) p-Isopropyltoluene	13.723	119	1489210	167.433	ug/l	99
83) 1,3-Dichlorobenzene	13.729	146	796135	161.514	ug/l	100
84) 1,4-Dichlorobenzene	13.806	146	793977	161.861	ug/l	100
85) n-Butylbenzene	14.053	91	1266506	170.087	ug/l	98
86) Hexachloroethane	14.329	117	251604	165.978	ug/l	97
87) 1,2-Dichlorobenzene	14.100	146	740893	155.817	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.717	75	87205	161.122	ug/l	92
89) 1,2,4-Trichlorobenzene	15.835	180	337470	169.587	ug/l	97
90) Hexachlorobutadiene	15.494	225	130424	152.920	ug/l	97
91) Naphthalene	15.635	128	1228424	176.928	ug/l	99
92) 1,2,3-Trichlorobenzene	15.835	180	337470	169.587	ug/l	97

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



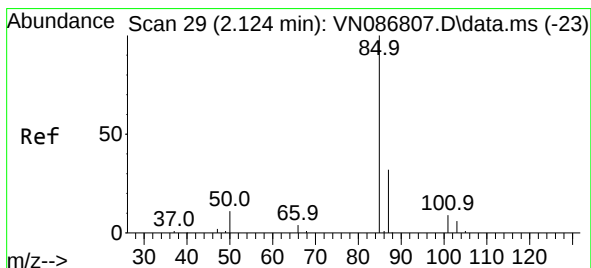
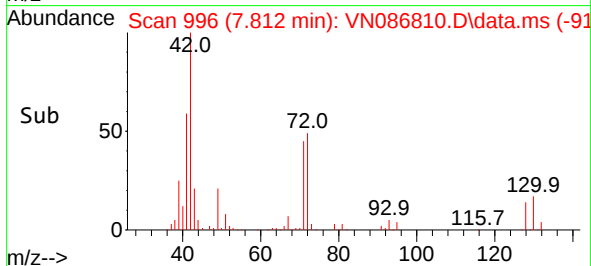
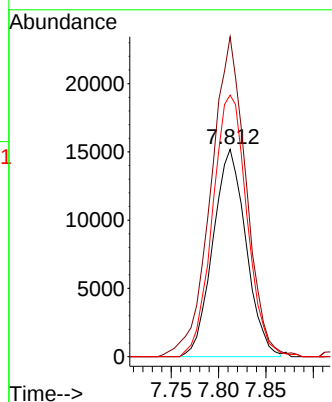
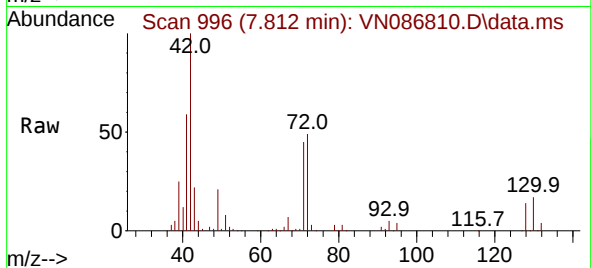
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 3689
Ion Ratio Lower Upper
128 100
49 163.6 0.0 404.5
130 131.7 0.0 322.2

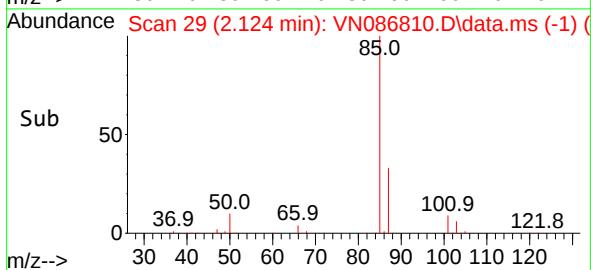
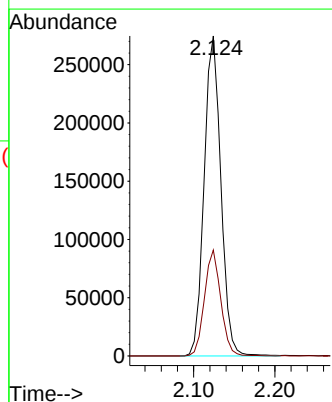
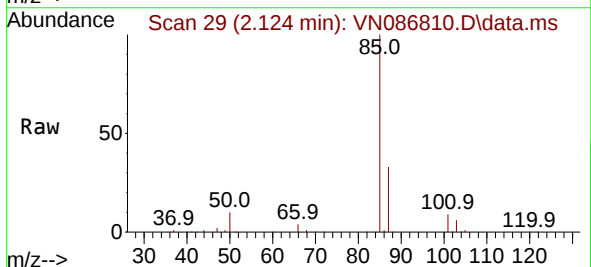
Manual Integrations
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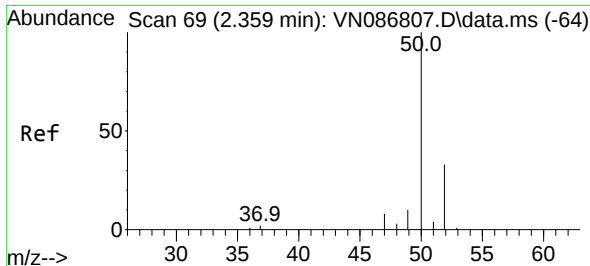
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#2
Dichlorodifluoromethane
Concen: 157.066 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion: 85 Resp: 393557
Ion Ratio Lower Upper
85 100
87 33.1 15.9 47.7





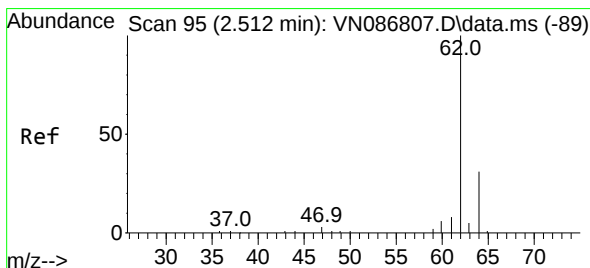
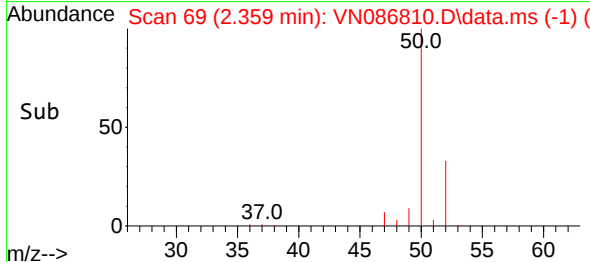
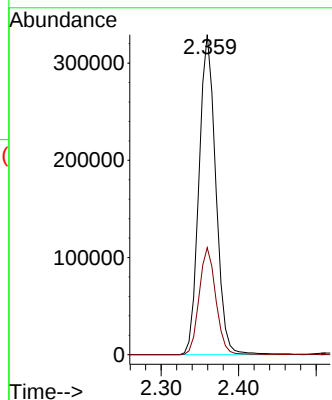
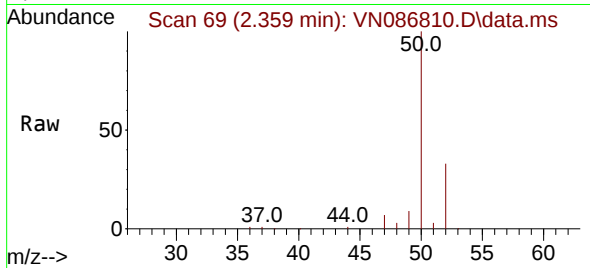
#3
Chloromethane
Concen: 153.588 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 50 Resp: 496195
Ion Ratio Lower Upper
50 100
52 33.5 26.6 40.0

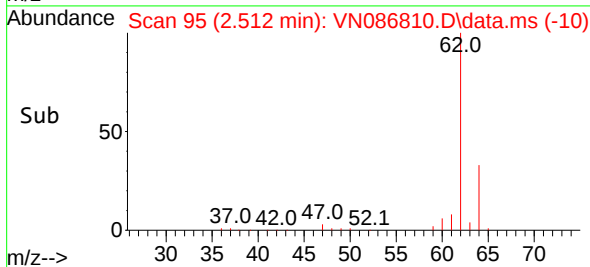
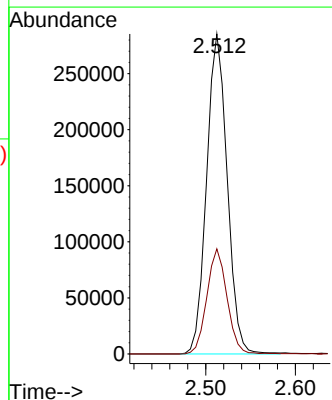
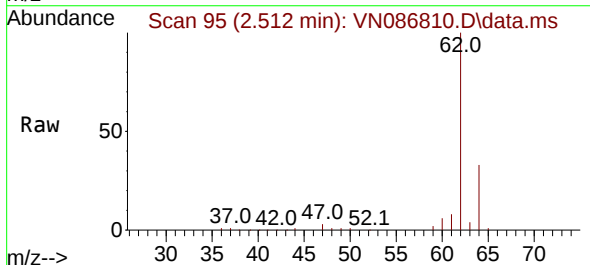
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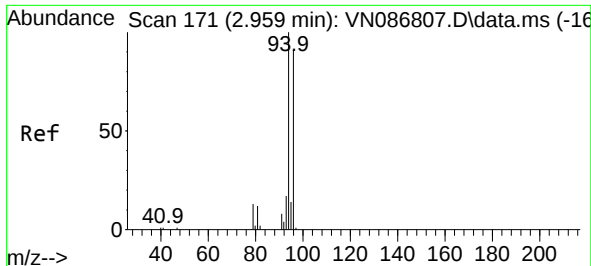
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#4
Vinyl Chloride
Concen: 153.117 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

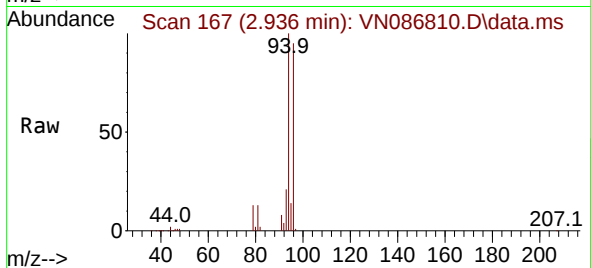
Tgt Ion: 62 Resp: 455234
Ion Ratio Lower Upper
62 100
64 32.9 24.6 36.8





#5
Bromomethane
Concen: 139.333 ug/l
RT: 2.936 min Scan# 171
Delta R.T. -0.023 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

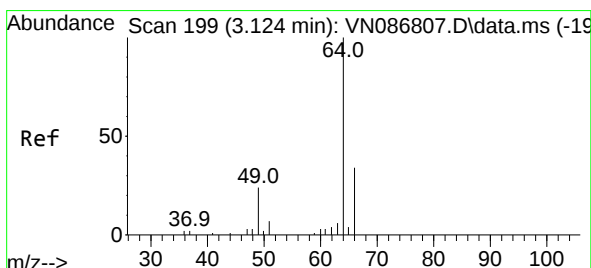
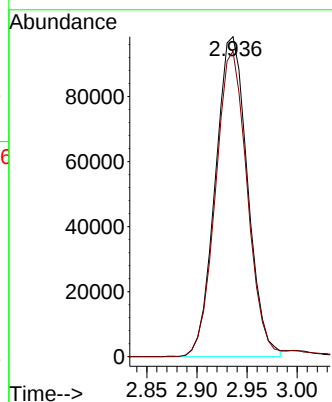
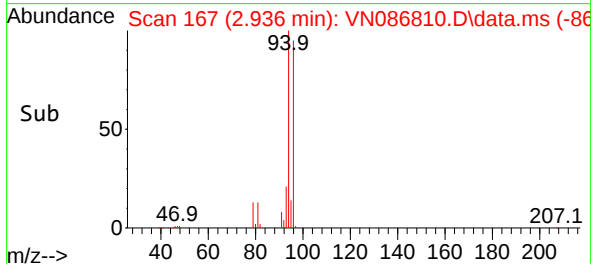
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 94 Resp: 219489
Ion Ratio Lower Upper
94 100
96 95.3 72.7 109.1

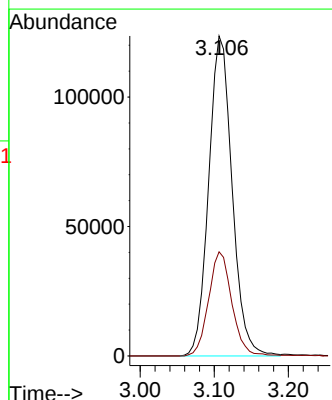
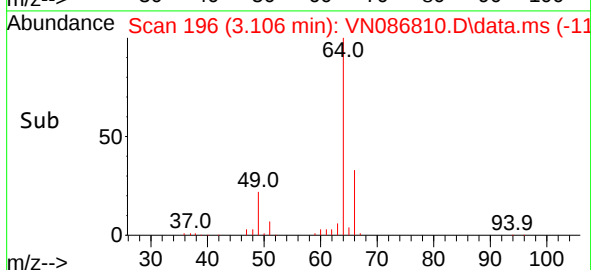
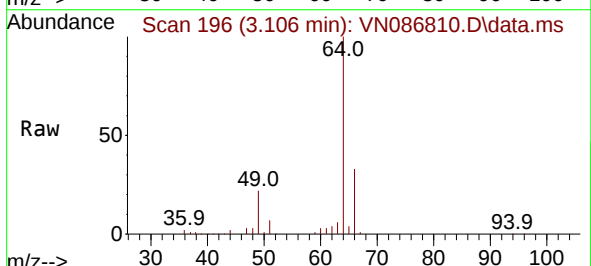
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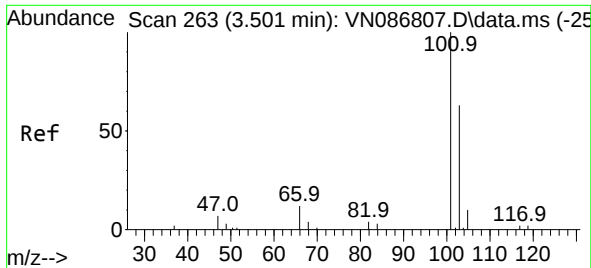
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#6
Chloroethane
Concen: 149.078 ug/l
RT: 3.106 min Scan# 196
Delta R.T. -0.018 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

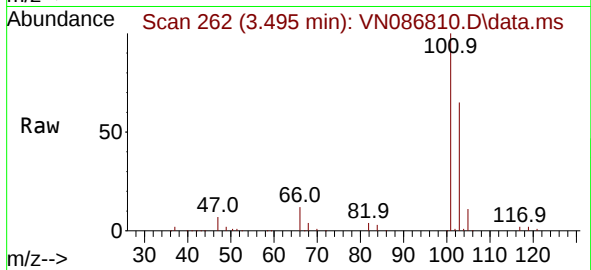
Tgt Ion: 64 Resp: 271090
Ion Ratio Lower Upper
64 100
66 32.6 27.5 41.3





#7
 Trichlorofluoromethane
 Concen: 153.541 ug/l
 RT: 3.495 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN086810.D
 Acq: 29 May 2025 12:32

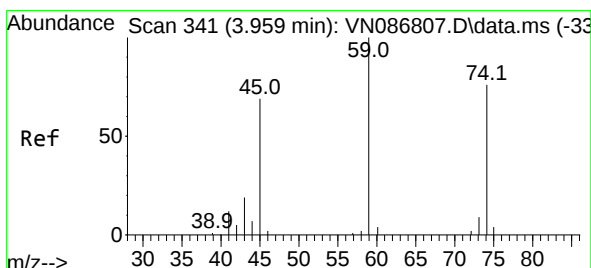
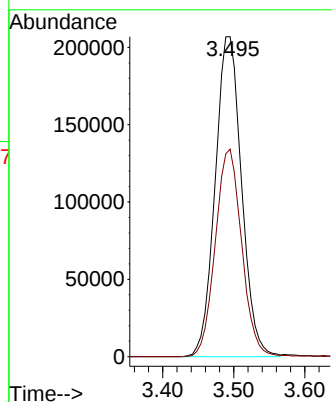
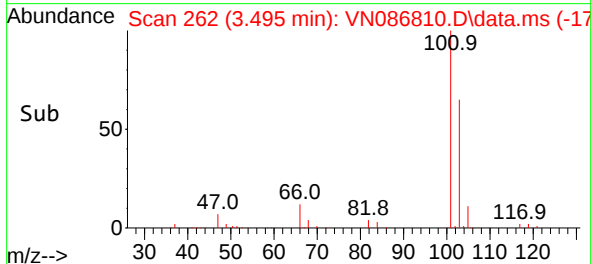
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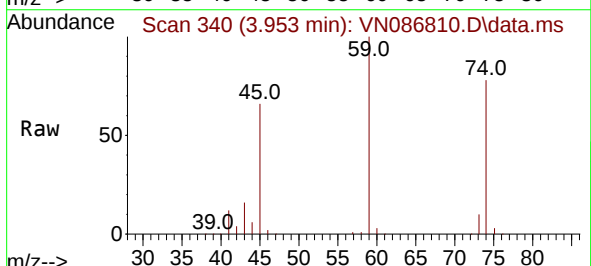
Tgt Ion:101 Resp: 534659
 Ion Ratio Lower Upper
 101 100
 103 64.9 50.0 75.0

Manual Integrations
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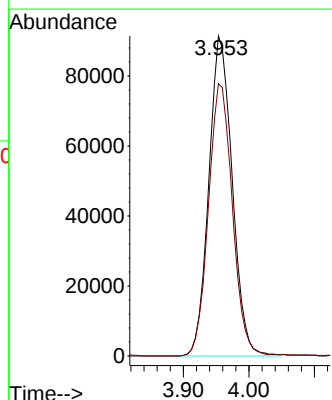
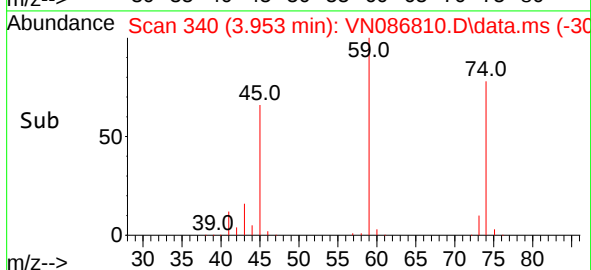
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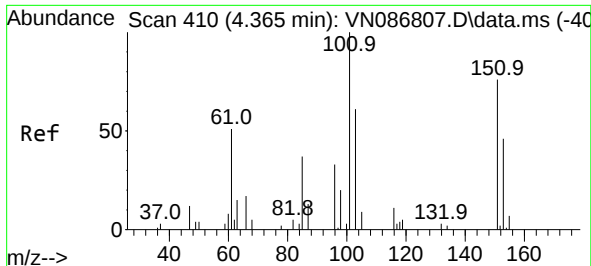


#8
 Diethyl Ether
 Concen: 156.147 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.006 min
 Lab File: VN086810.D
 Acq: 29 May 2025 12:32



Tgt Ion: 74 Resp: 226810
 Ion Ratio Lower Upper
 74 100
 45 87.0 17.9 161.5





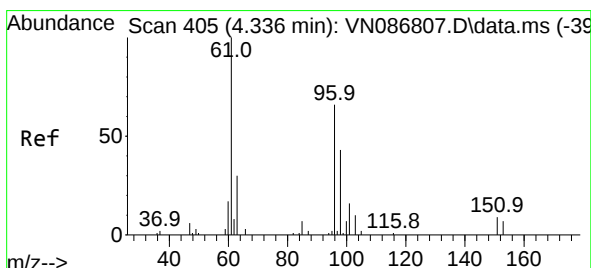
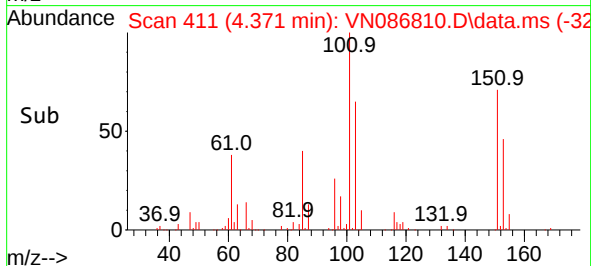
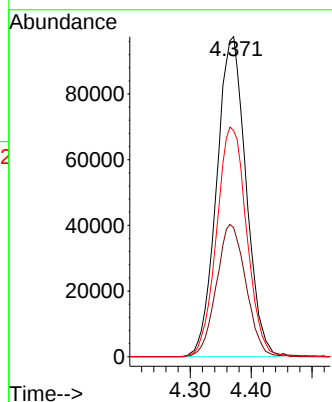
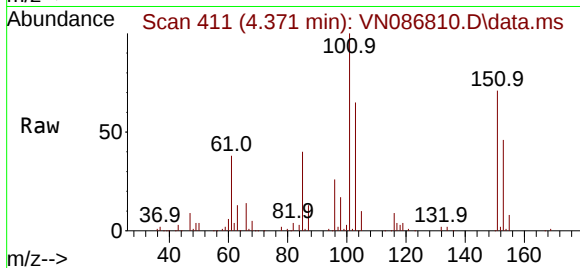
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1,1,2-Trichlorotrifluoroethane
Concen: 152.581 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:101 Resp: 32562
Ion Ratio Lower Upper
101 100
85 41.6 0.0 83.2
151 73.6 0.0 145.6

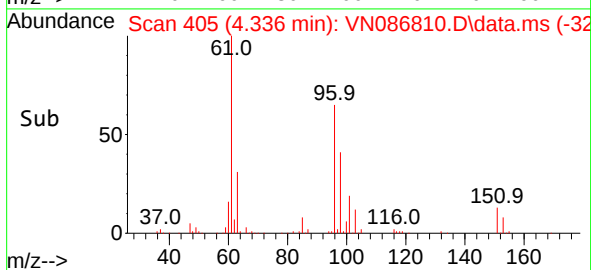
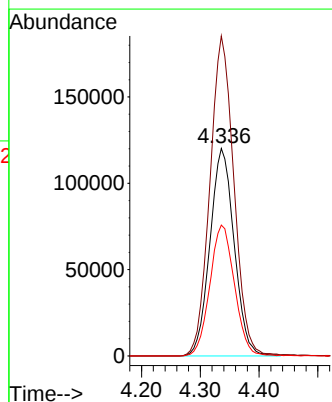
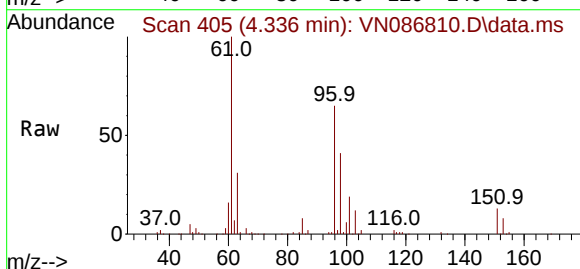
Manual Integrations
APPROVED

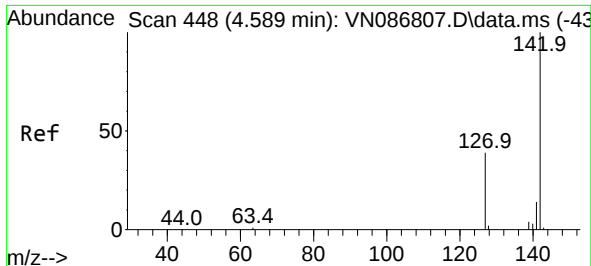
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#10
1,1-Dichloroethene
Concen: 158.207 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

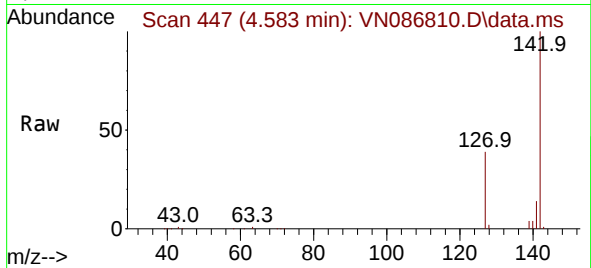
Tgt Ion: 96 Resp: 344213
Ion Ratio Lower Upper
96 100
61 154.2 121.7 182.5
98 63.1 51.9 77.9





#11
Methyl Iodide
Concen: 163.374 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

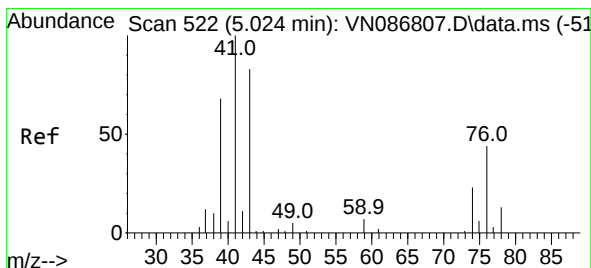
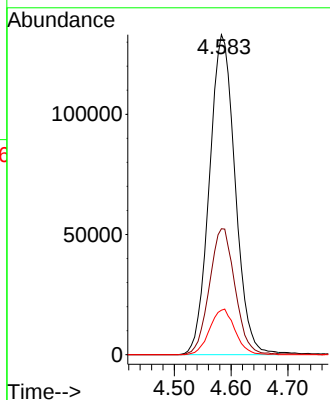
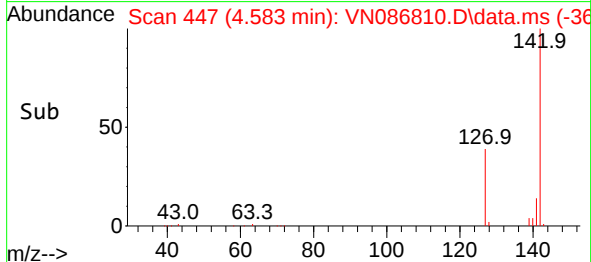
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion:142 Resp: 419020
Ion Ratio Lower Upper
142 100
127 39.3 19.5 58.5
141 14.0 7.1 21.4

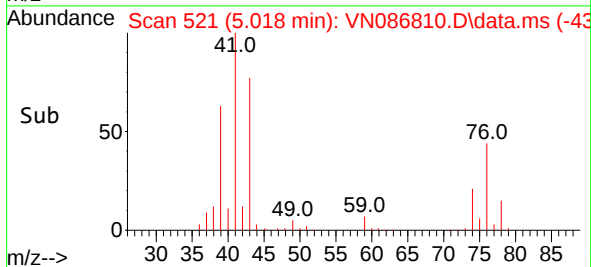
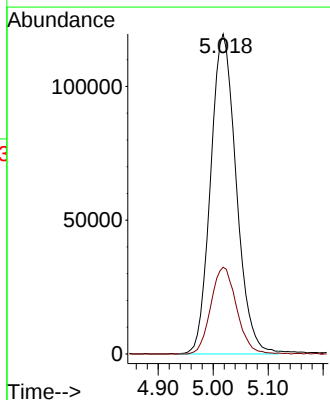
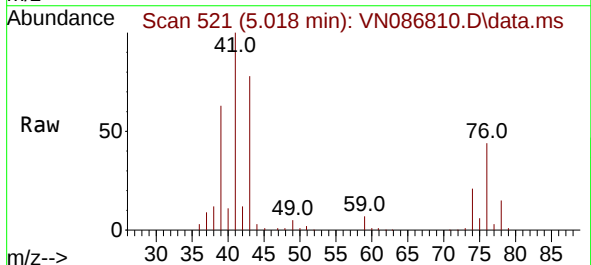
Manual Integrations
APPROVED

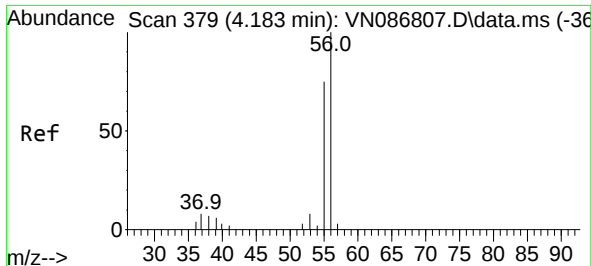
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#12
Methyl Acetate
Concen: 161.108 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

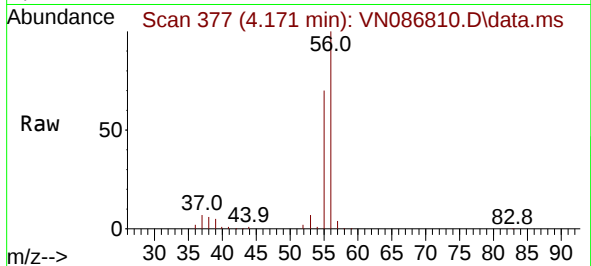
Tgt Ion: 43 Resp: 388225
Ion Ratio Lower Upper
43 100
74 27.1 22.7 34.1





#13
Acrolein
Concen: 739.474 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.012 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

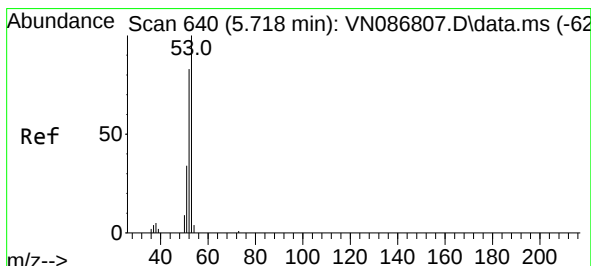
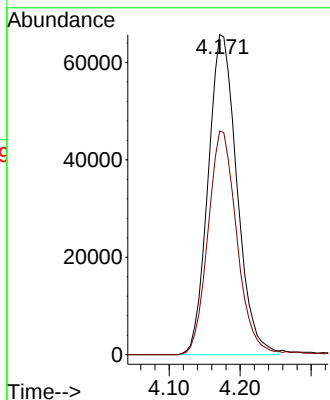
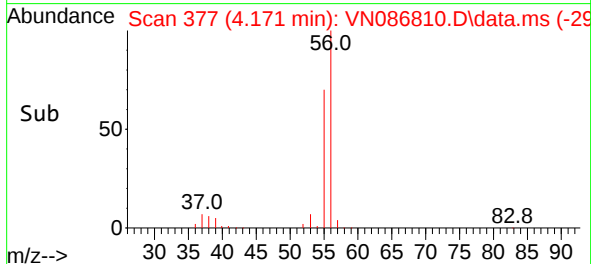
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 56 Resp: 185339
Ion Ratio Lower Upper
56 100
55 69.8 55.9 83.9

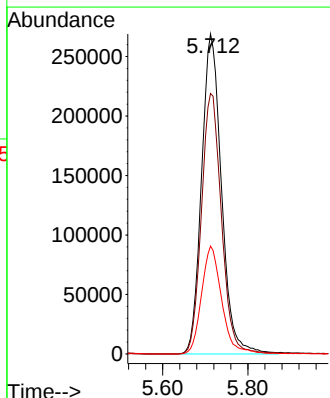
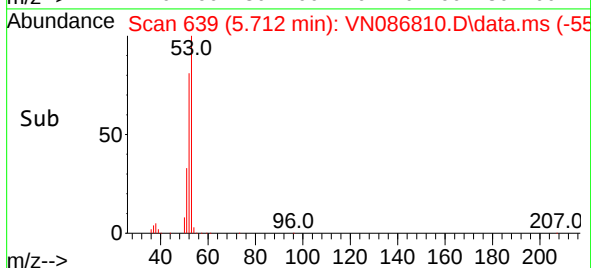
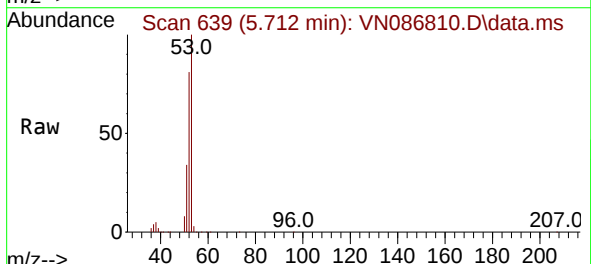
Manual Integrations
APPROVED

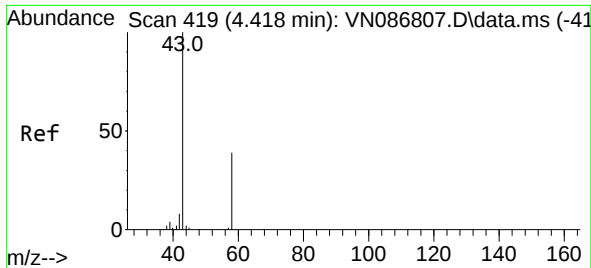
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#14
Acrylonitrile
Concen: 778.784 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.006 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion: 53 Resp: 875674
Ion Ratio Lower Upper
53 100
52 81.5 40.0 119.9
51 34.0 17.5 52.6





#15

Acetone

Concen: 761.146 ug/l

RT: 4.418 min Scan# 419

Delta R.T. 0.000 min

Lab File: VN086810.D

Acq: 29 May 2025 12:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion: 58 Resp: 216694

Ion Ratio Lower Upper

58 100

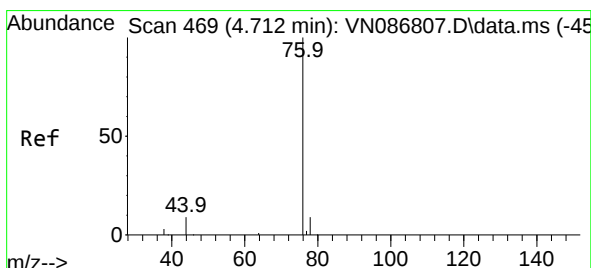
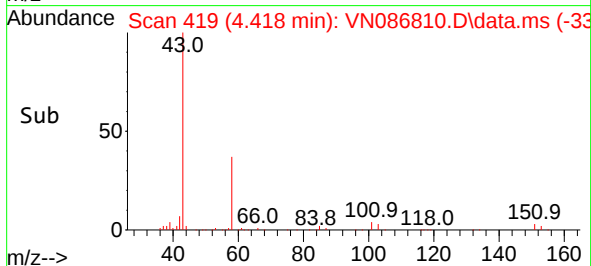
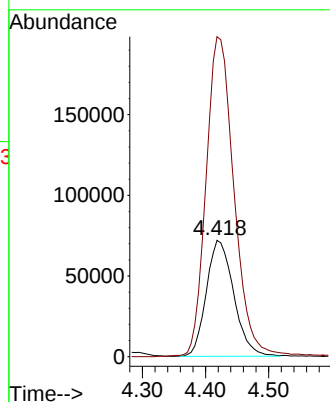
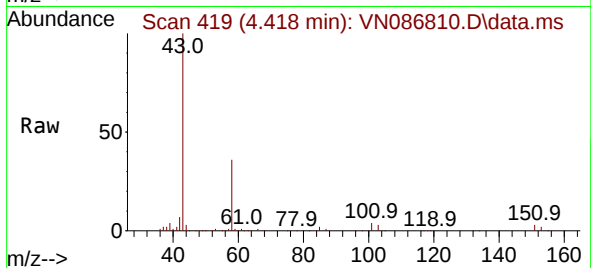
43 274.9 207.7 311.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2025

Supervised By :Mahesh Dadoda 05/30/2025



#16

Carbon Disulfide

Concen: 157.081 ug/l

RT: 4.706 min Scan# 468

Delta R.T. -0.006 min

Lab File: VN086810.D

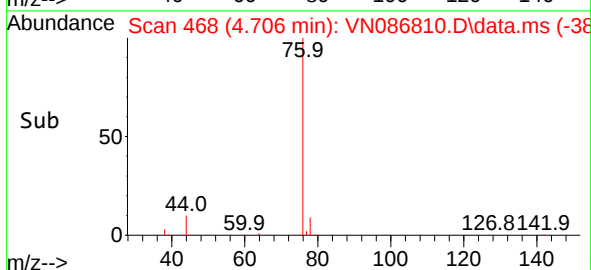
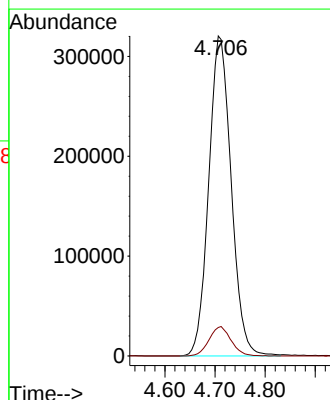
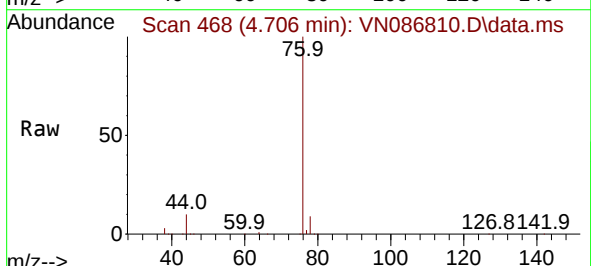
Acq: 29 May 2025 12:32

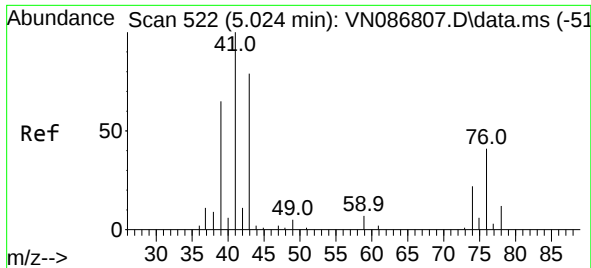
Tgt Ion: 76 Resp: 997627

Ion Ratio Lower Upper

76 100

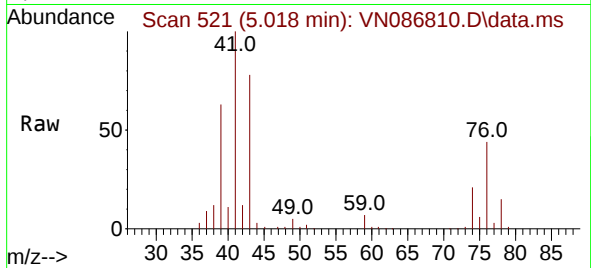
78 8.9 7.2 10.8





#17
 Allyl chloride
 Concen: 155.834 ug/l
 RT: 5.018 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN086810.D
 Acq: 29 May 2025 12:32

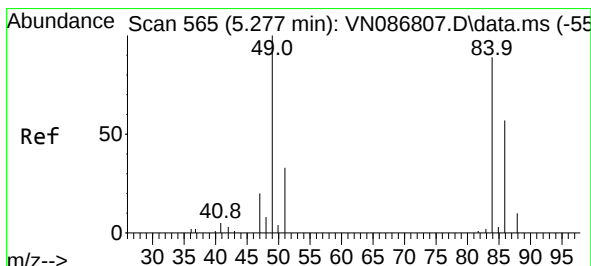
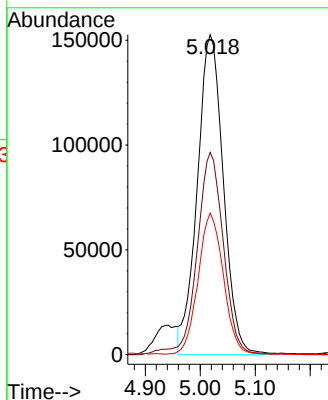
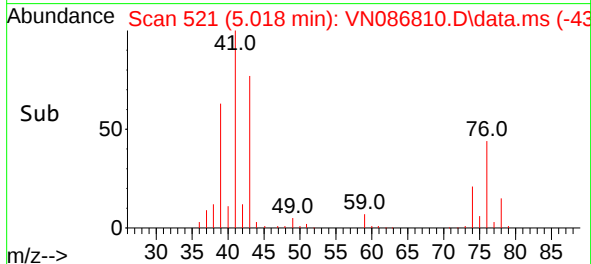
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150



Tgt Ion: 41 Resp: 503689
 Ion Ratio Lower Upper
 41 100
 39 63.2 31.6 94.8
 76 44.2 20.1 60.2

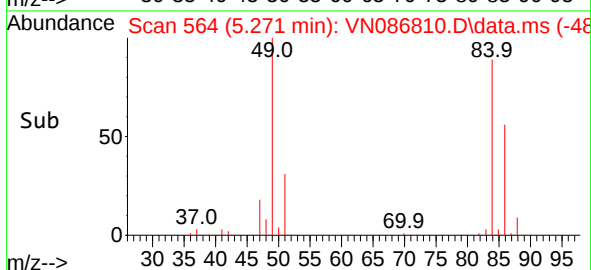
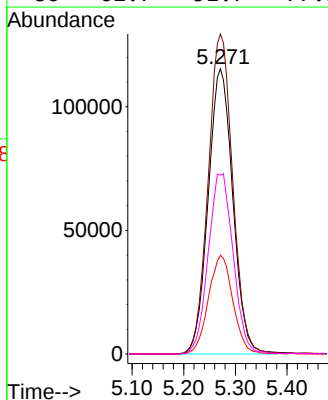
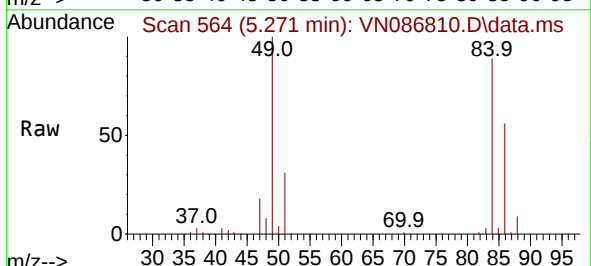
Manual Integrations
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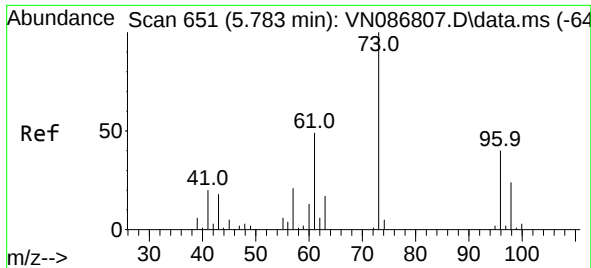
Reviewed By :John Carlone 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025



#18
 Methylene Chloride
 Concen: 151.156 ug/l
 RT: 5.271 min Scan# 564
 Delta R.T. -0.006 min
 Lab File: VN086810.D
 Acq: 29 May 2025 12:32

Tgt Ion: 84 Resp: 381924
 Ion Ratio Lower Upper
 84 100
 49 112.3 89.9 134.9
 51 34.6 29.6 44.4
 86 62.7 51.7 77.5





#19

trans-1,2-Dichloroethene

Concen: 155.524 ug/l

RT: 5.783 min Scan# 651

Delta R.T. 0.000 min

Lab File: VN086810.D

Acq: 29 May 2025 12:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion: 96 Resp: 354108

Ion Ratio Lower Upper

96 100

61 133.6 98.9 148.3

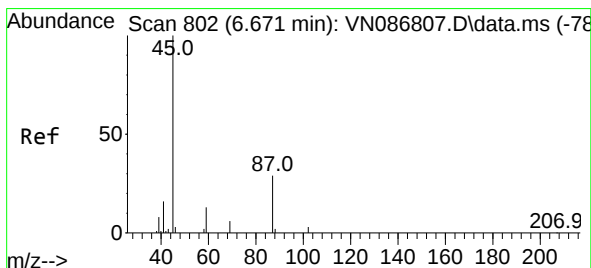
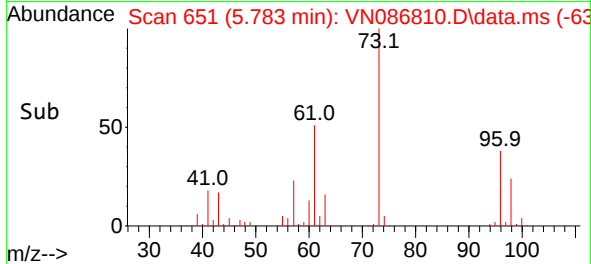
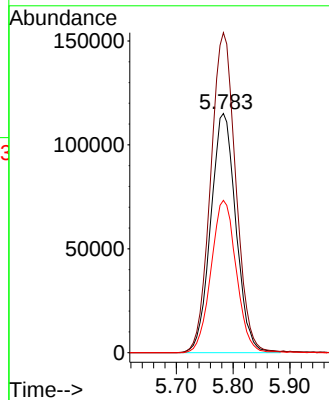
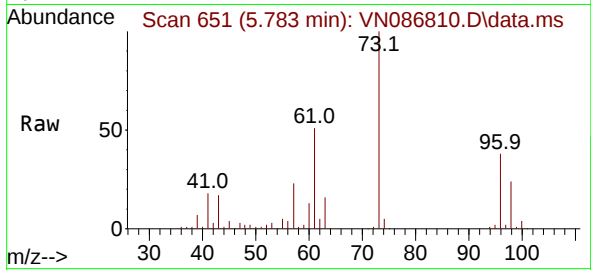
98 63.7 49.0 73.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2025

Supervised By :Mahesh Dadoda 05/30/2025



#20

Diisopropyl ether

Concen: 150.420 ug/l

RT: 6.665 min Scan# 801

Delta R.T. -0.006 min

Lab File: VN086810.D

Acq: 29 May 2025 12:32

Tgt Ion: 45 Resp: 1070786

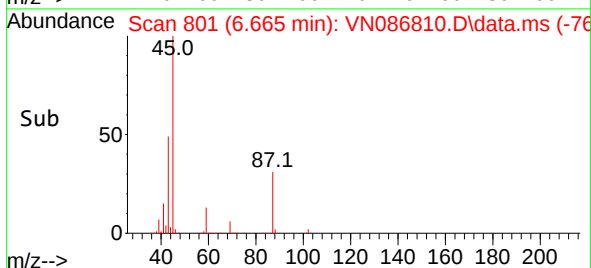
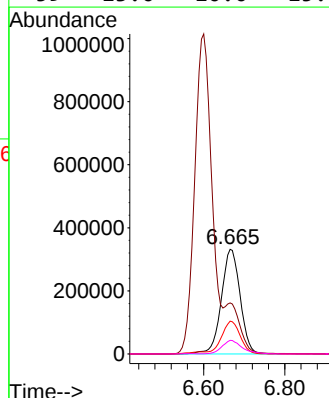
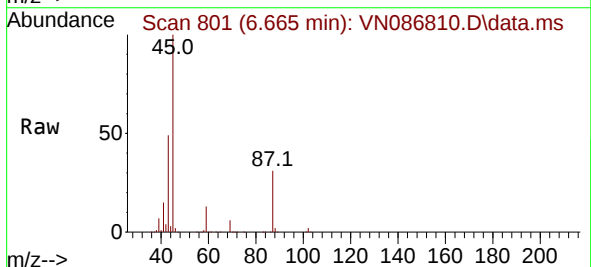
Ion Ratio Lower Upper

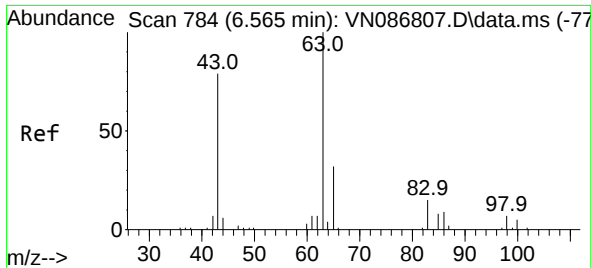
45 100

43 48.2 40.3 60.5

87 31.3 24.1 36.1

59 13.0 10.0 15.0





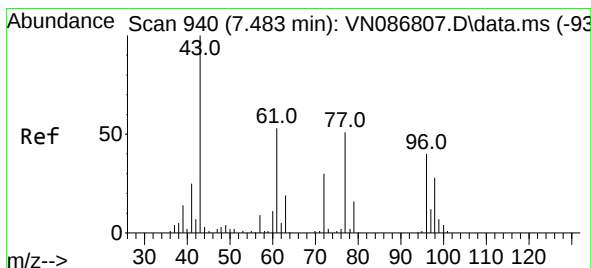
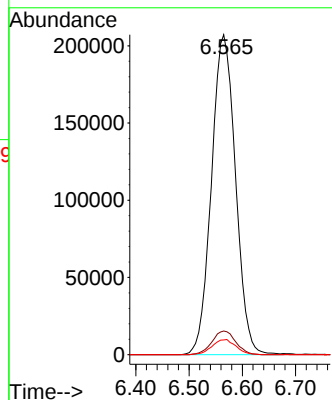
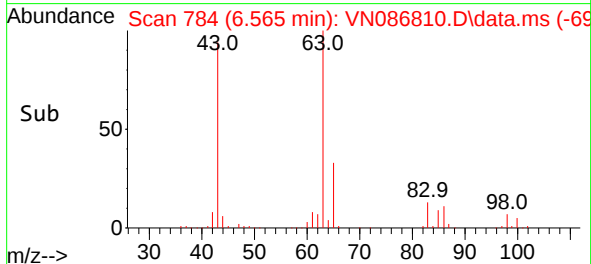
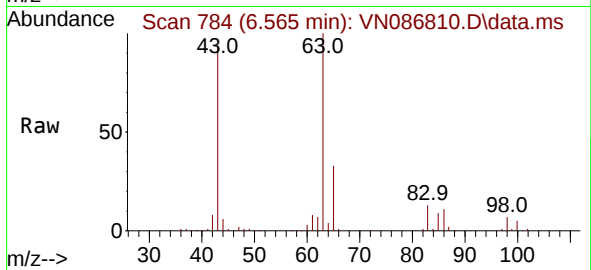
#21
1,1-Dichloroethane
Concen: 151.250 ug/l
RT: 6.565 min Scan# 784
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 63 Resp: 649780
Ion Ratio Lower Upper
63 100
98 7.4 3.8 11.2
100 4.6 2.3 6.8

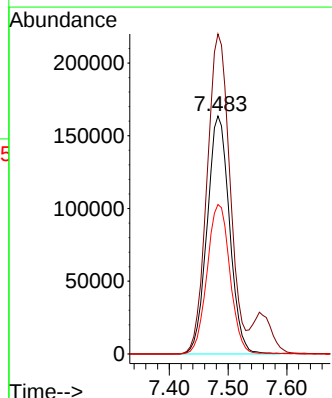
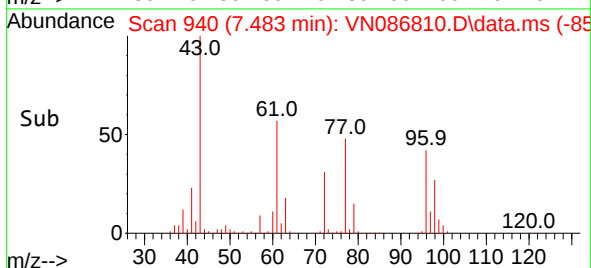
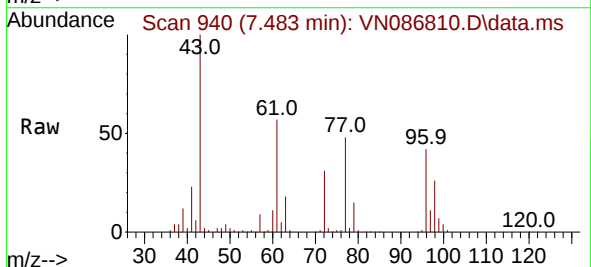
Manual Integrations
APPROVED

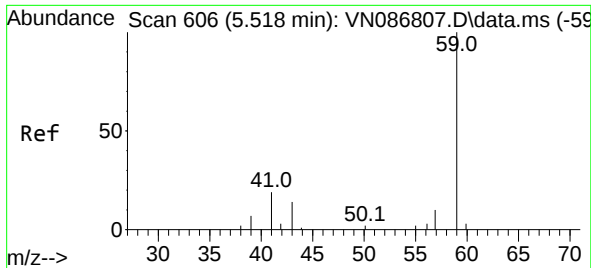
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#22
cis-1,2-Dichloroethene
Concen: 156.585 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion: 96 Resp: 431754
Ion Ratio Lower Upper
96 100
61 136.8 110.7 166.1
98 64.2 51.8 77.8





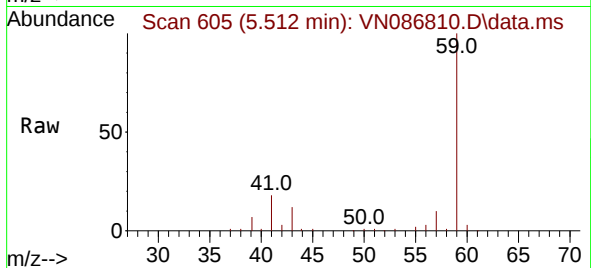
#23
tert-Butyl Alcohol
Concen: 796.044 ug/l
RT: 5.512 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150



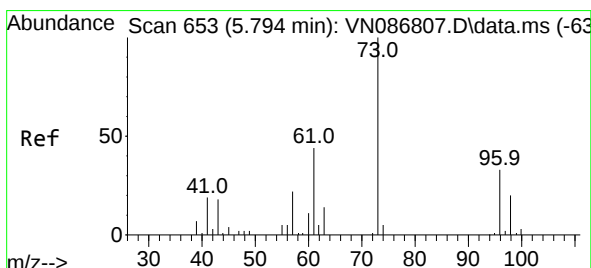
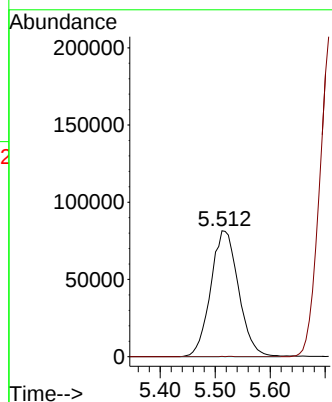
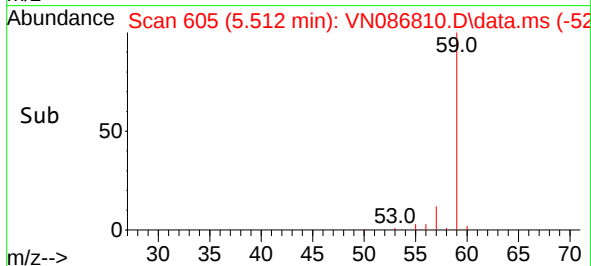
Tgt Ion: 59 Resp: 287430
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations

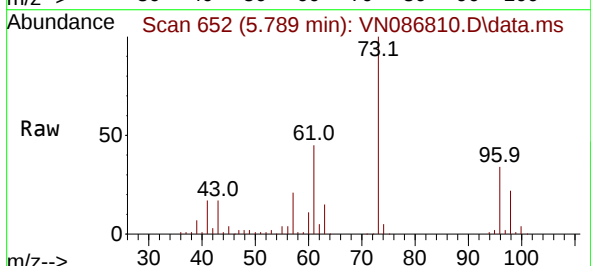
APPROVED

Reviewed By :John Carlone 05/30/2025

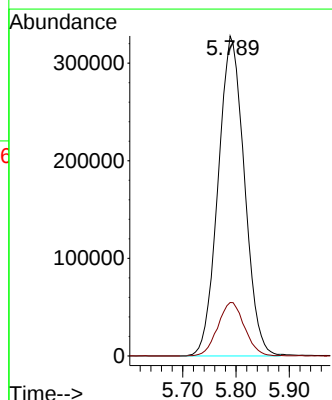
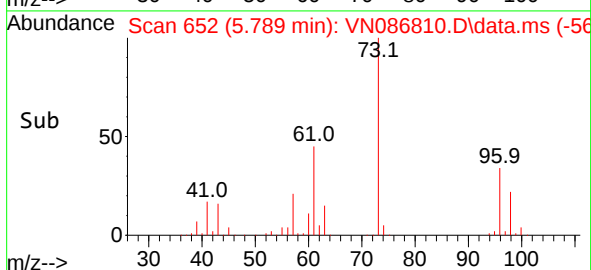
Supervised By :Mahesh Dadoda 05/30/2025

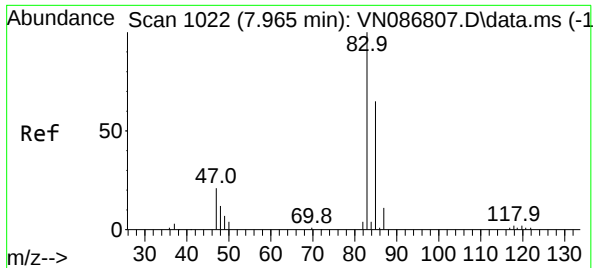


#24
Methyl tert-Butyl Ether
Concen: 156.699 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.006 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32



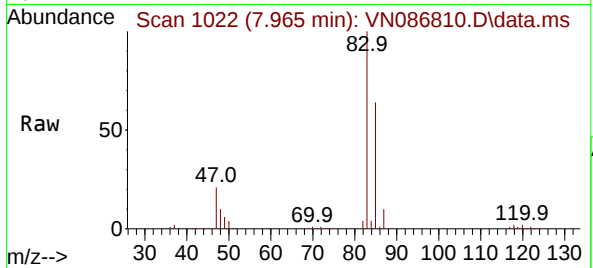
Tgt Ion: 73 Resp: 1123614
Ion Ratio Lower Upper
73 100
43 17.0 14.6 22.0





#25
Chloroform
Concen: 151.004 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

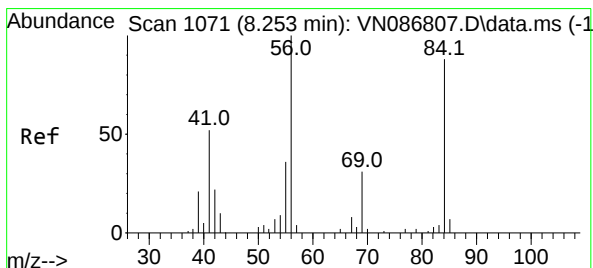
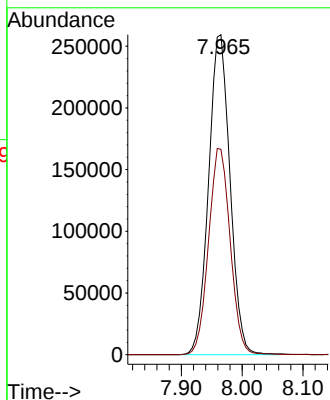
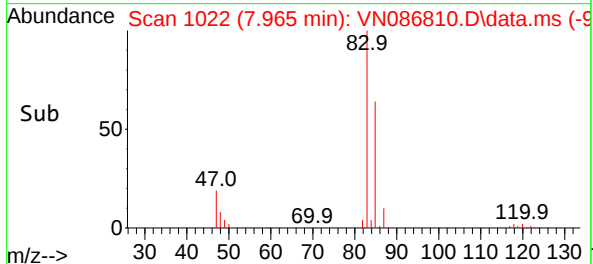
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 83 Resp: 63495
Ion Ratio Lower Upper
83 100
85 64.2 51.8 77.8

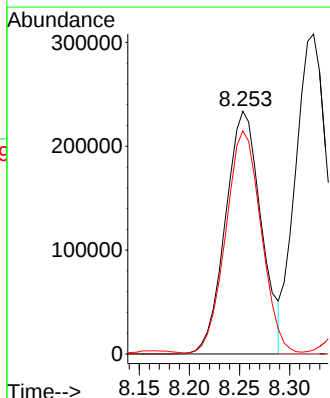
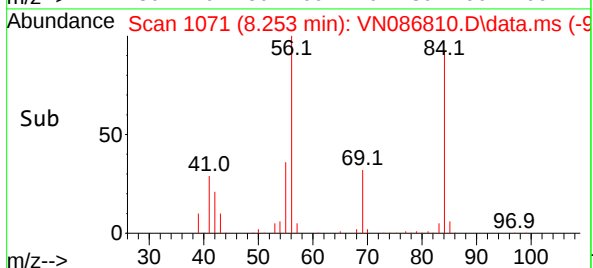
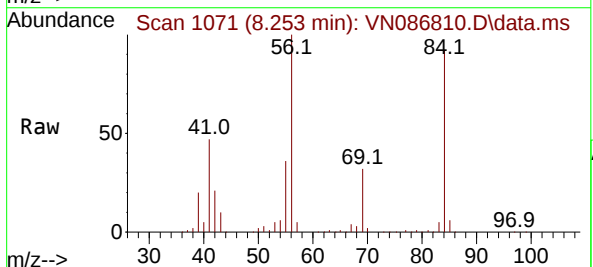
Manual Integrations
APPROVED

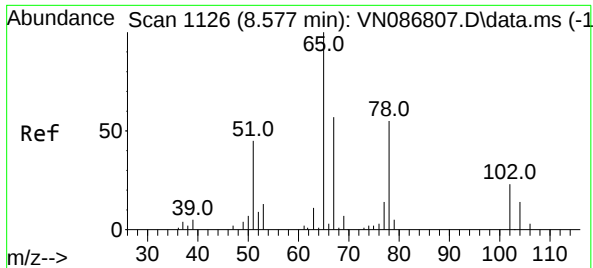
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#26
Cyclohexane
Concen: 156.367 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion: 56 Resp: 581403
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 91.4 70.4 105.6





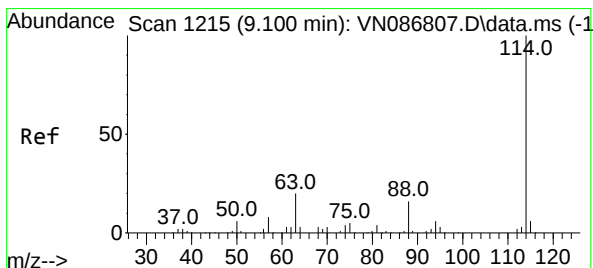
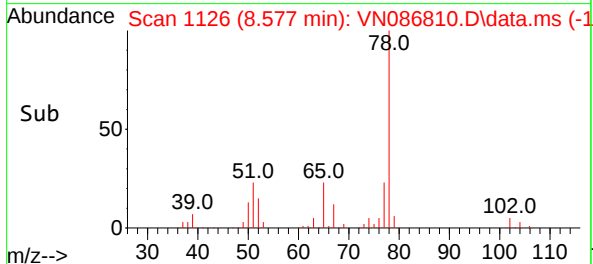
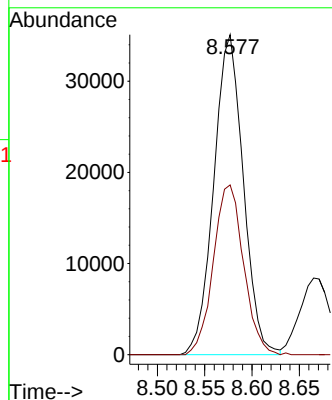
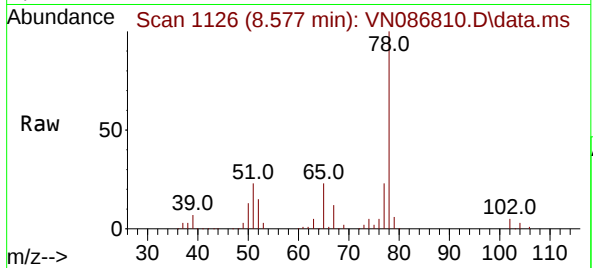
#27
1,2-Dichloroethane-d4
Concen: 29.984 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 65 Resp: 7600
Ion Ratio Lower Upper
65 100
67 54.3 44.6 67.0

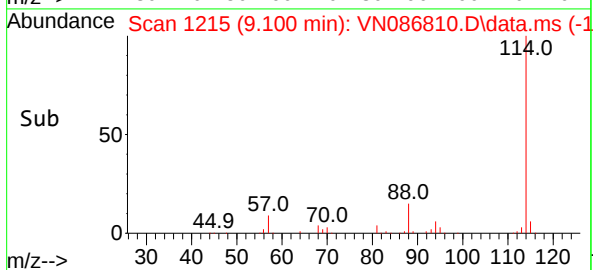
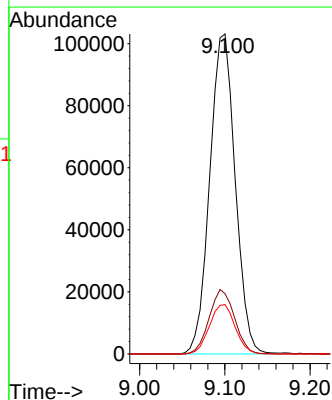
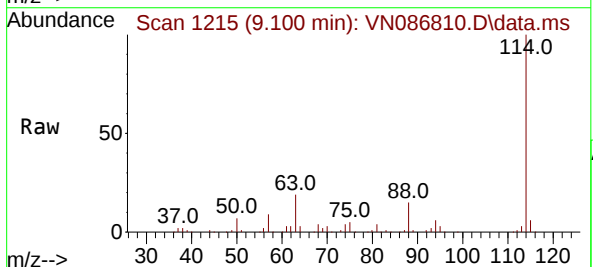
Manual Integrations
APPROVED

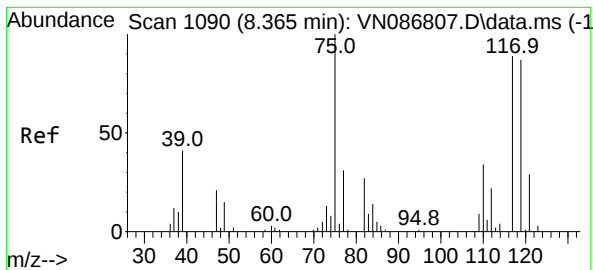
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion:114 Resp: 214272
Ion Ratio Lower Upper
114 100
63 20.0 15.8 23.8
88 15.6 12.9 19.3





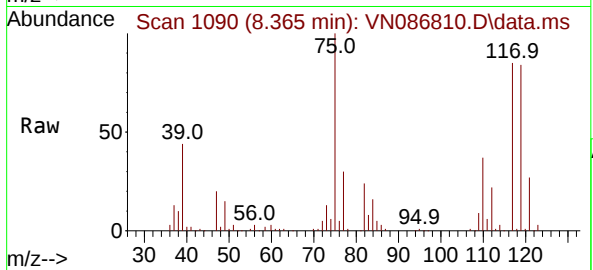
#29
1,1-Dichloropropene
Concen: 153.670 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150



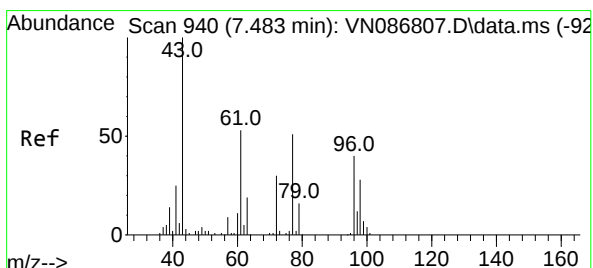
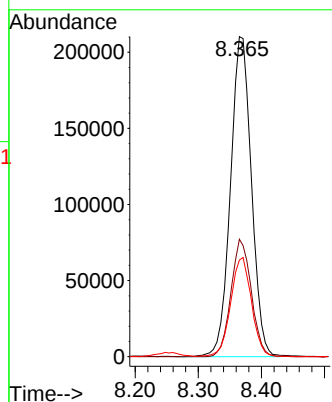
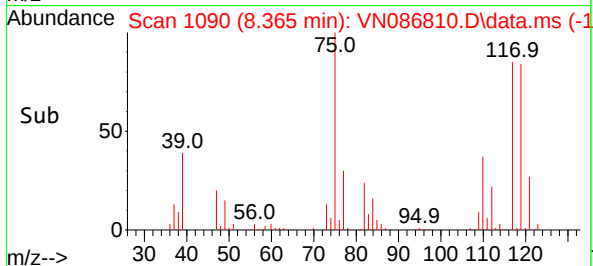
Tgt Ion: 75 Resp: 48412
Ion Ratio Lower Upper
75 100
110 35.6 0.0 71.0
77 30.9 0.0 62.4

Manual Integrations

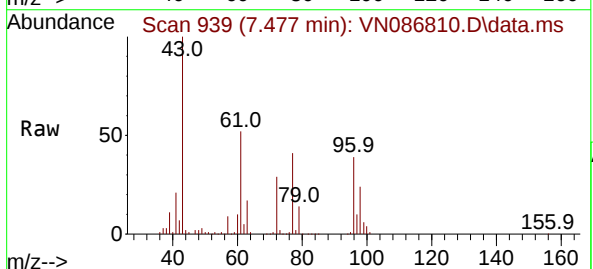
APPROVED

Reviewed By :John Carlone 05/30/2025

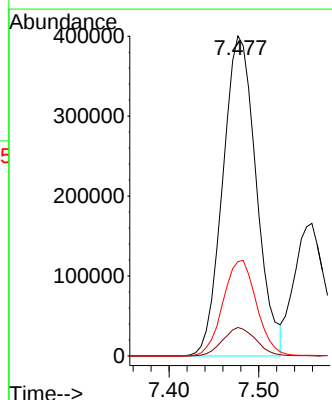
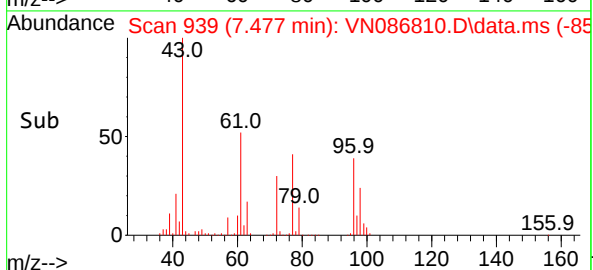
Supervised By :Mahesh Dadoda 05/30/2025

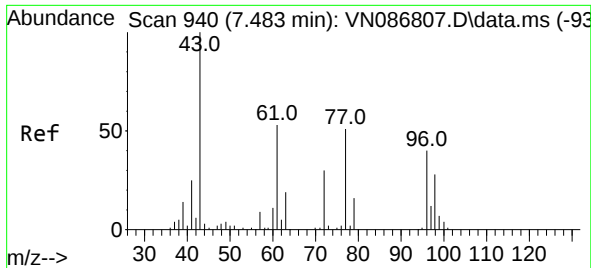


#30
2-Butanone
Concen: 752.026 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.006 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32



Tgt Ion: 43 Resp: 1038066
Ion Ratio Lower Upper
43 100
57 8.8 6.8 10.2
72 30.0 23.4 35.0





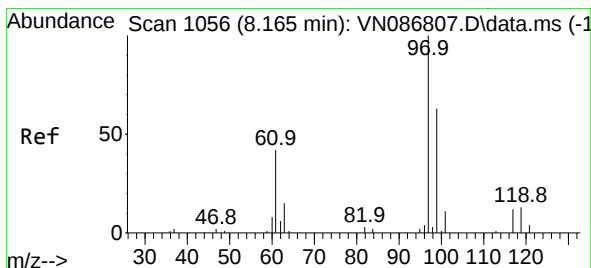
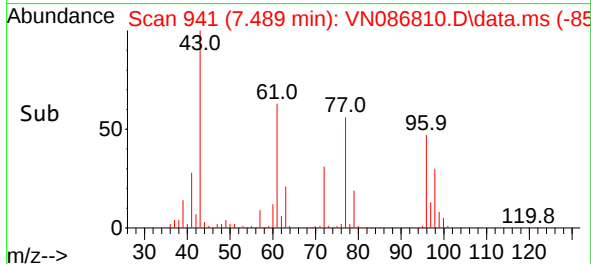
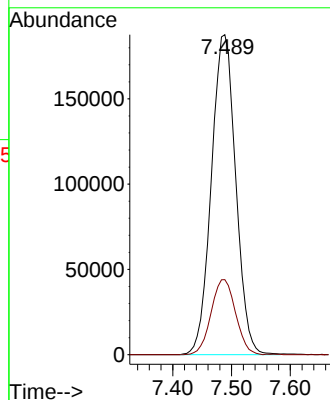
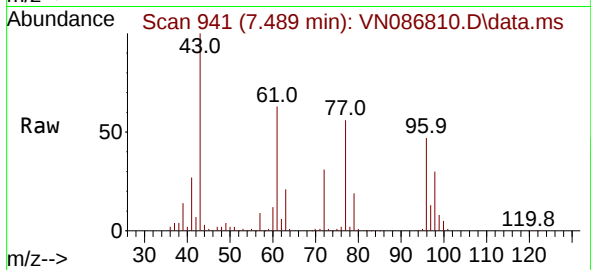
#31
2,2-Dichloropropane
Concen: 145.448 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 77 Resp: 54088
Ion Ratio Lower Upper
77 100
97 23.5 18.6 27.8

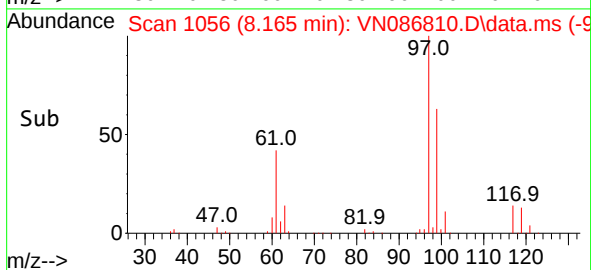
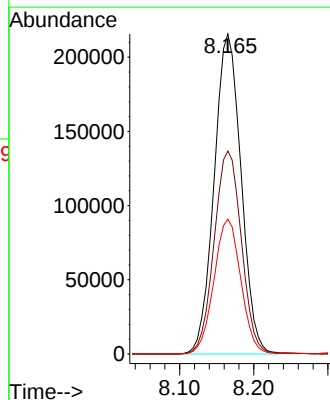
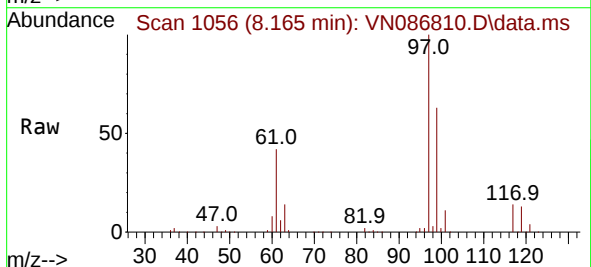
Manual Integrations
APPROVED

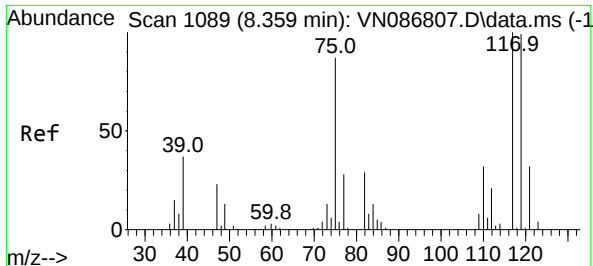
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#32
1,1,1-Trichloroethane
Concen: 149.159 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

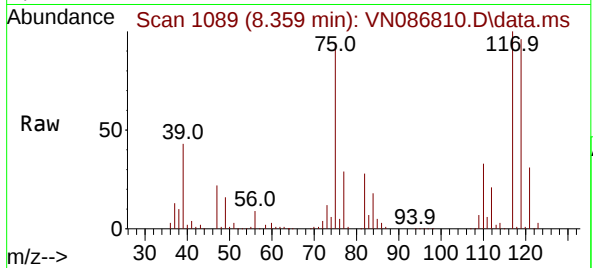
Tgt Ion: 97 Resp: 544727
Ion Ratio Lower Upper
97 100
99 64.1 51.7 77.5
61 42.0 35.4 53.2





#33
Carbon Tetrachloride
Concen: 151.090 ug/l
RT: 8.359 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

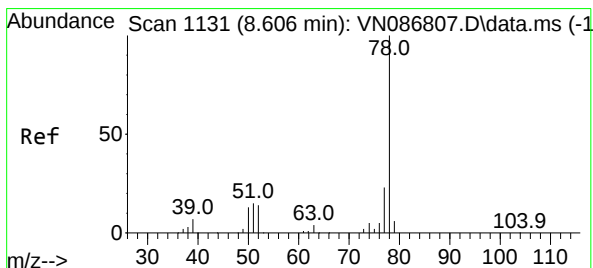
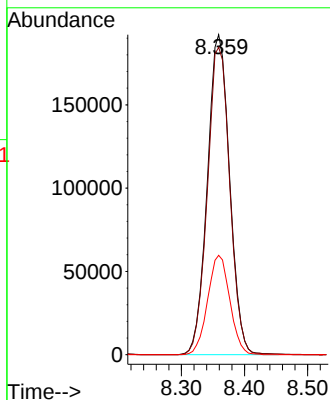
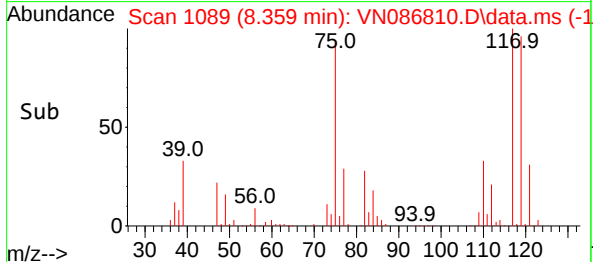
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



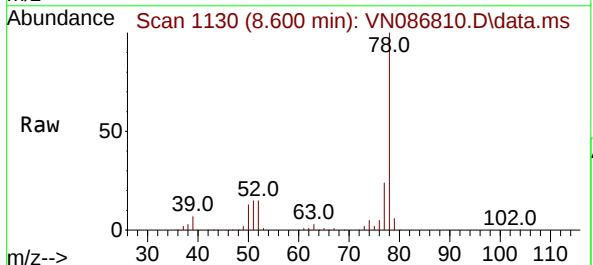
Tgt Ion:117 Resp: 471660
Ion Ratio Lower Upper
117 100
119 96.0 79.2 118.8
121 31.1 25.6 38.4

Manual Integrations
APPROVED

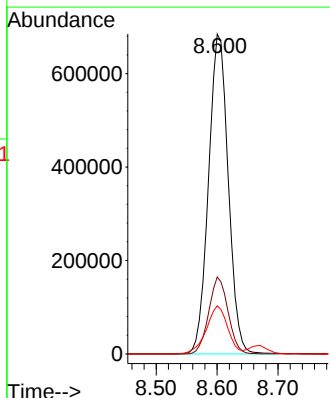
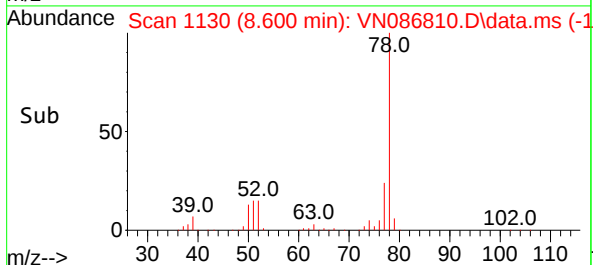
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

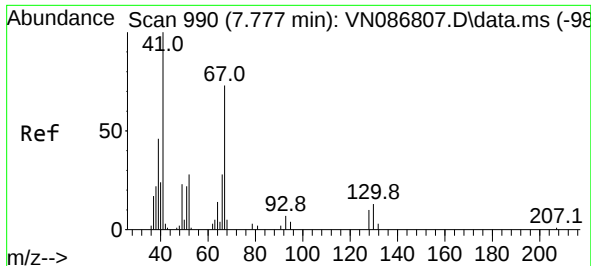


#34
Benzene
Concen: 150.461 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32



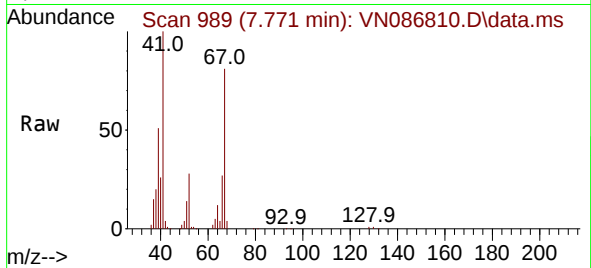
Tgt Ion: 78 Resp: 1542311
Ion Ratio Lower Upper
78 100
77 24.1 18.2 27.2
51 15.0 11.9 17.9





#35
Methacrylonitrile
Concen: 147.087 ug/l
RT: 7.771 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

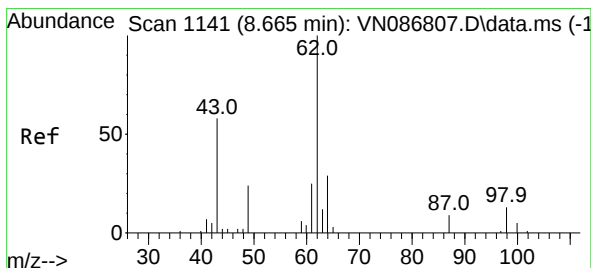
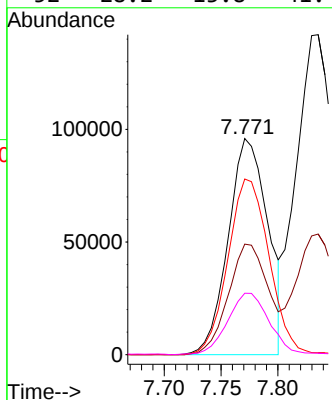
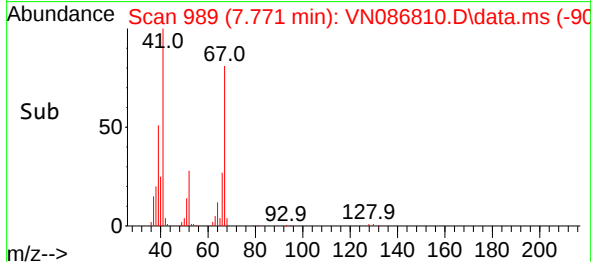
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



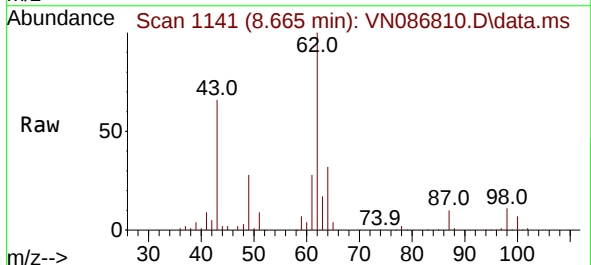
Tgt Ion: 41 Resp: 233220
Ion Ratio Lower Upper
41 100
39 51.1 23.2 69.6
67 81.3 36.5 109.7
52 28.2 13.8 41.4

Manual Integrations
APPROVED

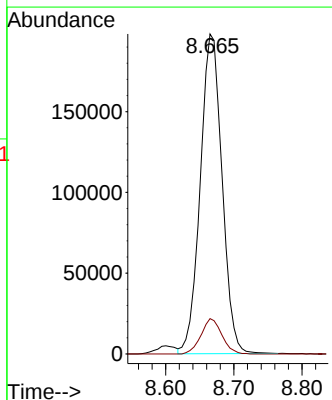
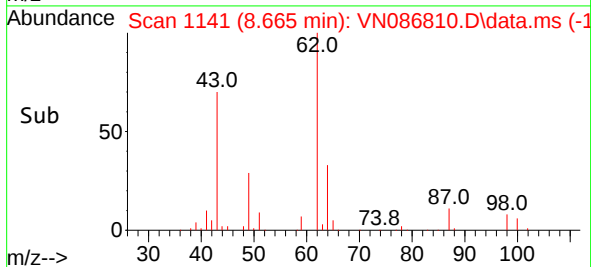
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

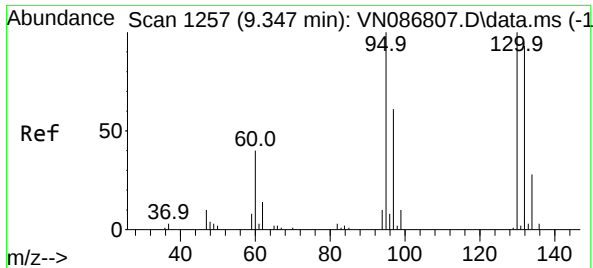


#36
1,2-Dichloroethane
Concen: 146.570 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32



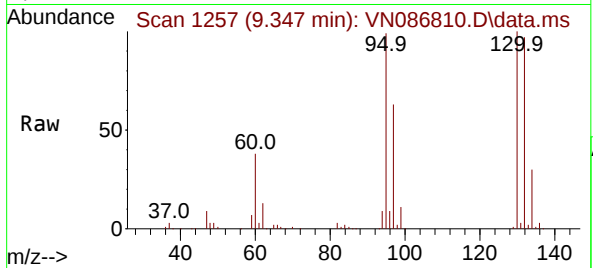
Tgt Ion: 62 Resp: 440263
Ion Ratio Lower Upper
62 100
98 10.6 8.5 12.7





#37
Trichloroethene
Concen: 151.697 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

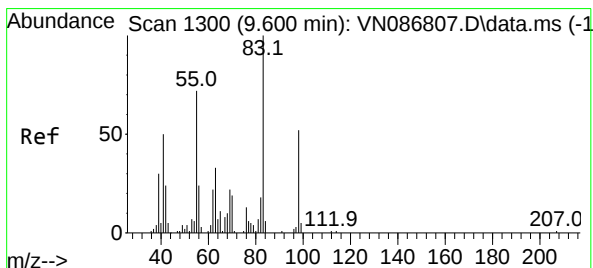
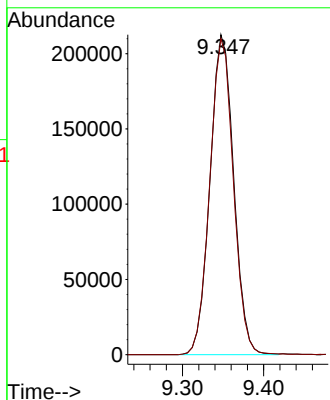
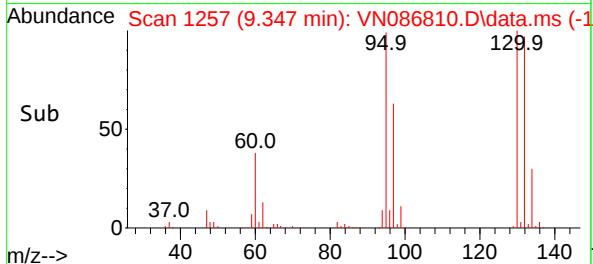
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



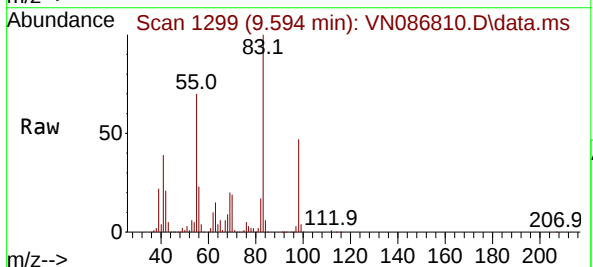
Tgt Ion:130 Resp: 431319
Ion Ratio Lower Upper
130 100
95 98.8 80.3 120.5

Manual Integrations
APPROVED

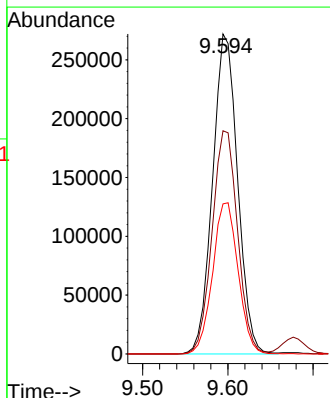
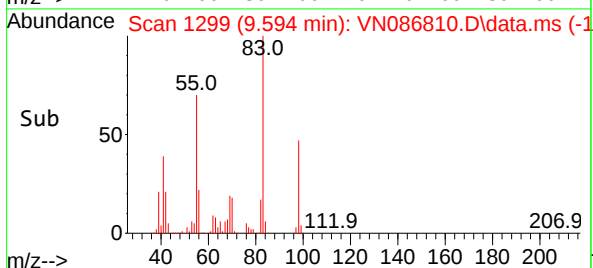
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

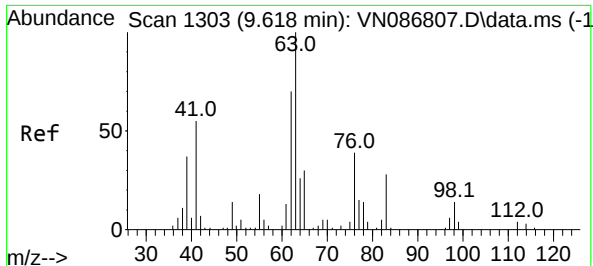


#38
Methylcyclohexane
Concen: 158.937 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32



Tgt Ion: 83 Resp: 555561
Ion Ratio Lower Upper
83 100
55 71.0 37.4 112.1
98 48.3 24.6 73.6





#39

1,2-Dichloropropane

Concen: 149.963 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN086810.D

Acq: 29 May 2025 12:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion: 63 Resp: 37008

Ion Ratio Lower Upper

63 100

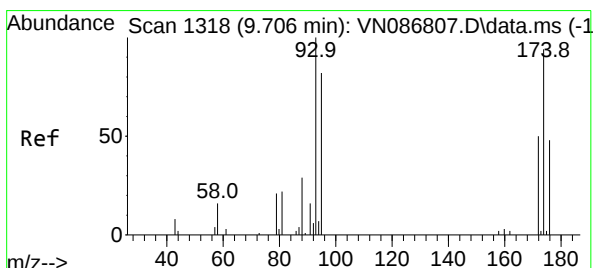
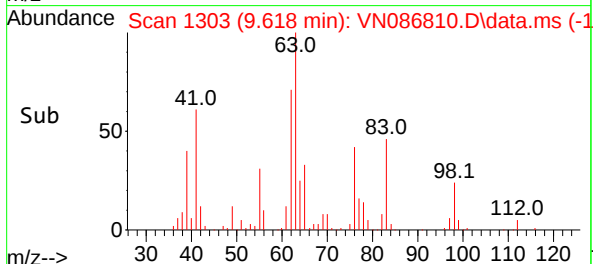
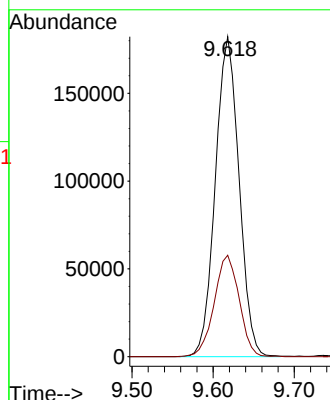
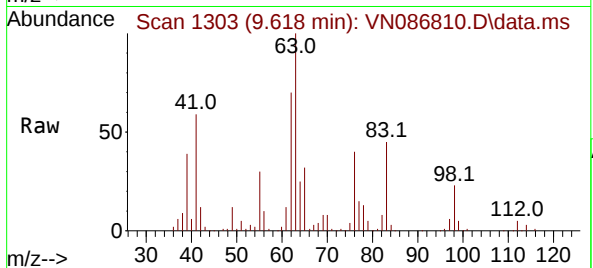
65 31.6 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2025

Supervised By :Mahesh Dadoda 05/30/2025



#40

Dibromomethane

Concen: 150.374 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN086810.D

Acq: 29 May 2025 12:32

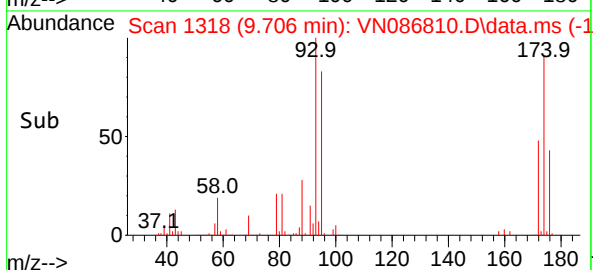
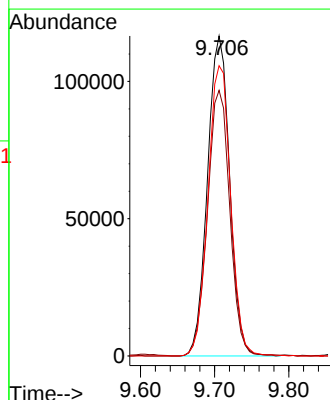
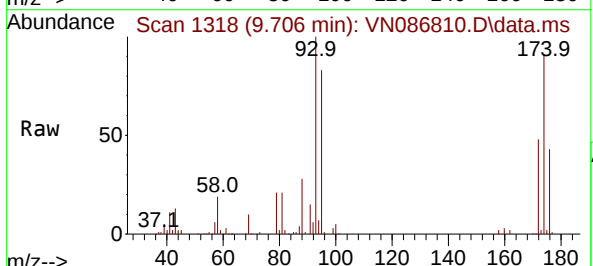
Tgt Ion: 93 Resp: 242715

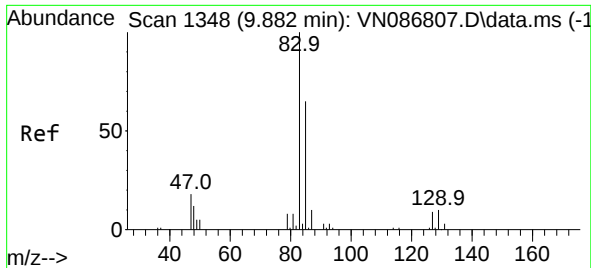
Ion Ratio Lower Upper

93 100

95 83.5 0.0 166.4

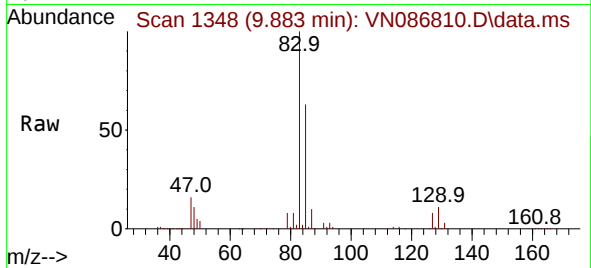
174 92.9 0.0 181.8





#41
Bromodichloromethane
Concen: 151.502 ug/l
RT: 9.883 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

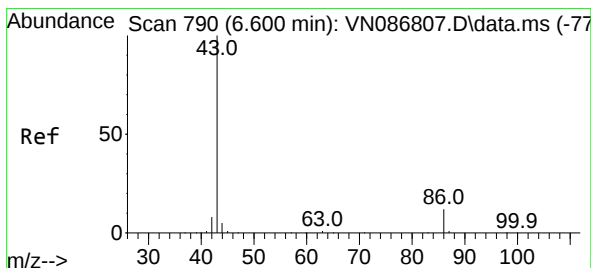
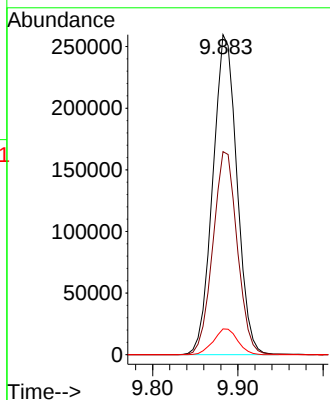
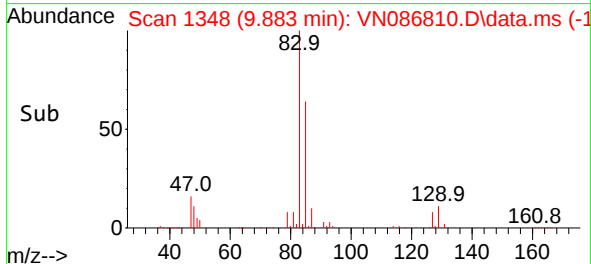
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



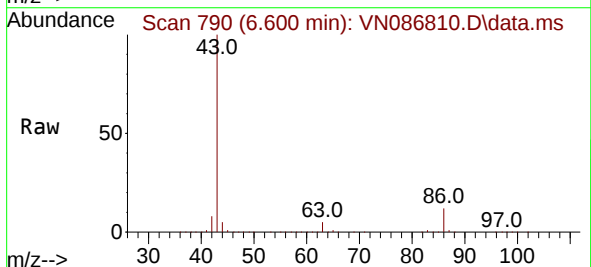
Tgt Ion: 83 Resp: 511870
Ion Ratio Lower Upper
83 100
85 63.5 51.8 77.8
127 8.1 6.8 10.2

Manual Integrations
APPROVED

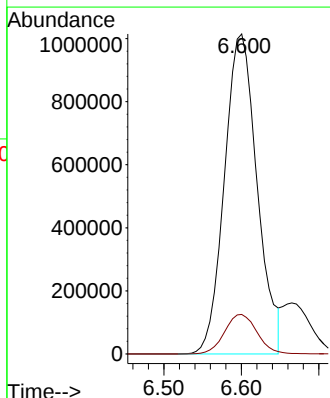
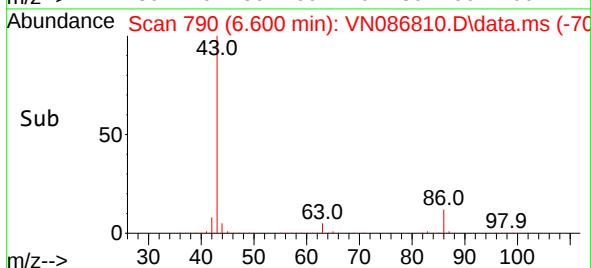
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

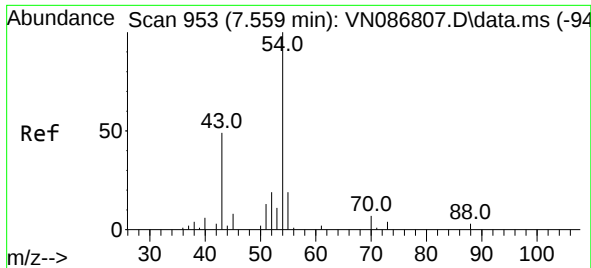


#42
Vinyl Acetate
Concen: 741.087 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32



Tgt Ion: 43 Resp: 2981846
Ion Ratio Lower Upper
43 100
86 12.3 9.5 14.3





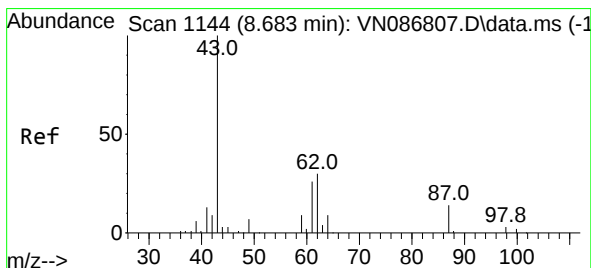
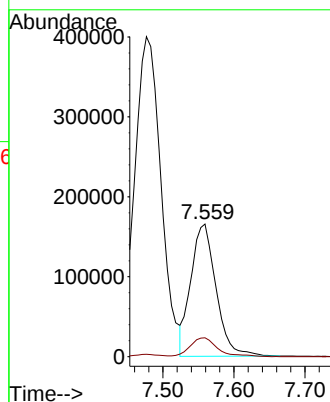
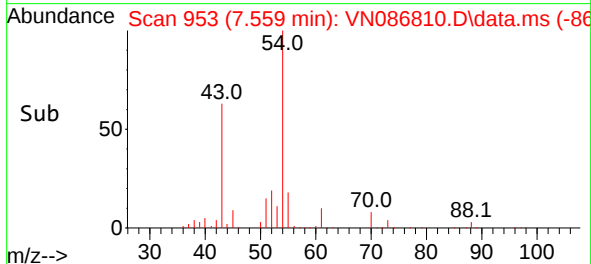
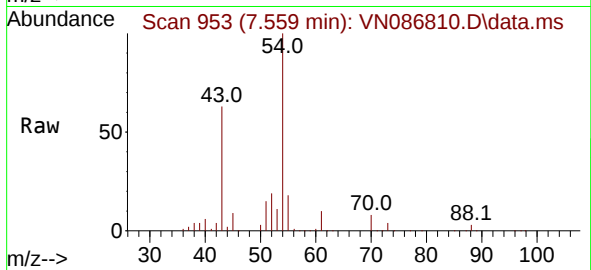
#43
Ethyl Acetate
Concen: 144.539 ug/l
RT: 7.559 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 40825
Ion Ratio Lower Upper
43 100
45 15.5 11.1 16.7

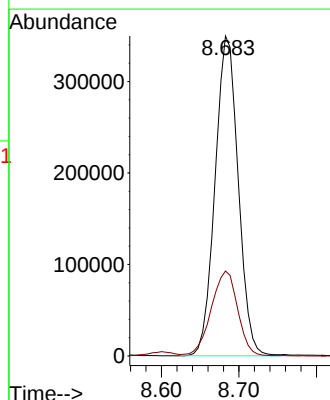
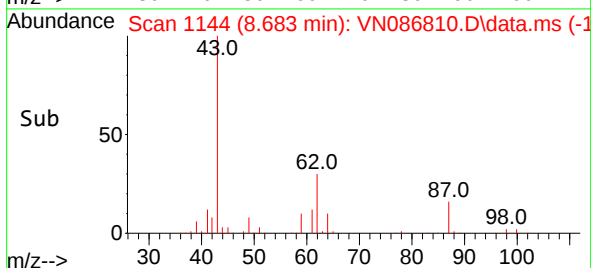
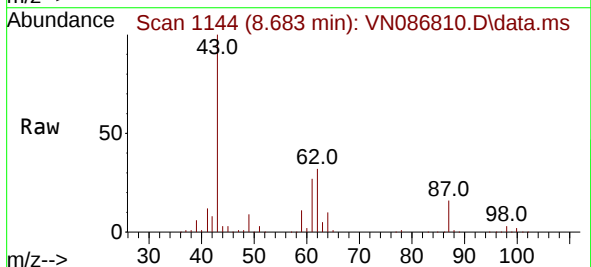
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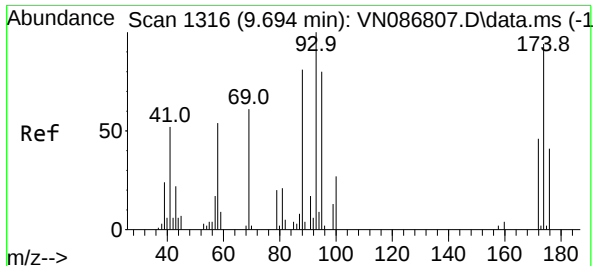
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#44
Isopropyl Acetate
Concen: 149.571 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion: 43 Resp: 724719
Ion Ratio Lower Upper
43 100
61 30.5 23.8 35.6





#45

1,4-Dioxane

Concen: 2902.752 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN086810.D

Acq: 29 May 2025 12:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion: 88 Resp: 125010

Ion Ratio Lower Upper

88 100

43 23.7 23.0 34.6

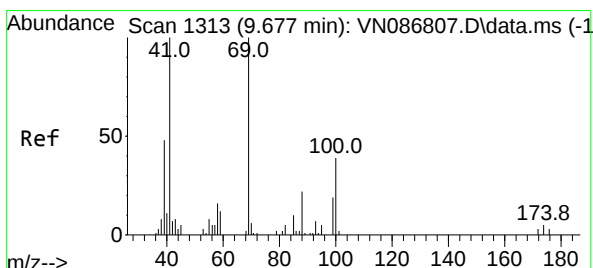
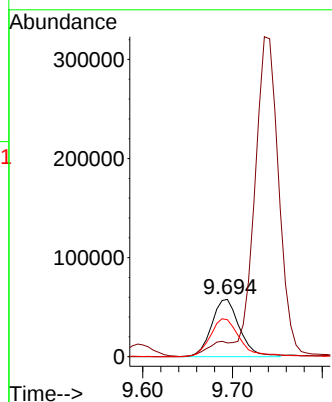
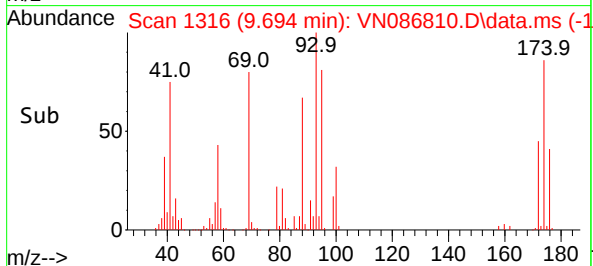
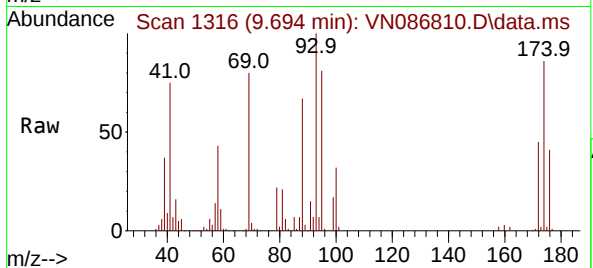
58 71.5 57.6 86.4

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Reviewed By :John Carlone 05/30/2025

Supervised By :Mahesh Dadoda 05/30/2025



#46

Methyl methacrylate

Concen: 152.666 ug/l

RT: 9.677 min Scan# 1313

Delta R.T. 0.000 min

Lab File: VN086810.D

Acq: 29 May 2025 12:32

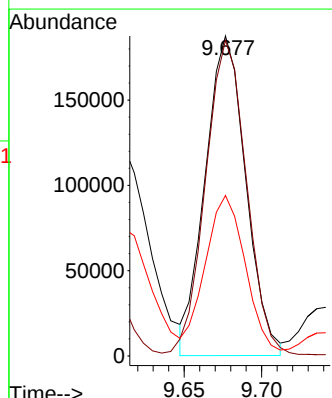
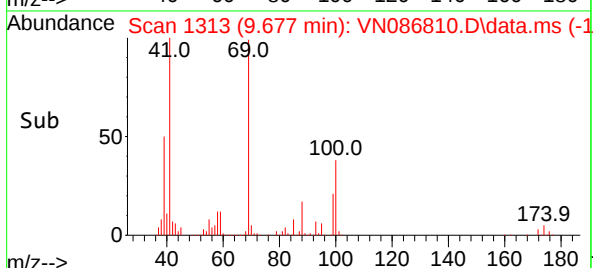
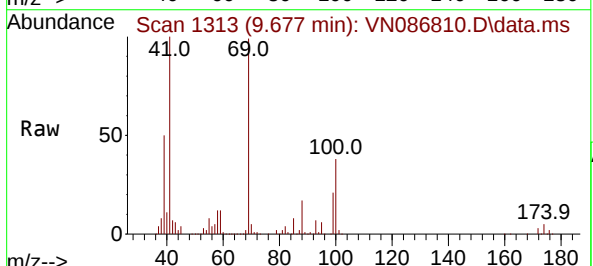
Tgt Ion: 41 Resp: 341082

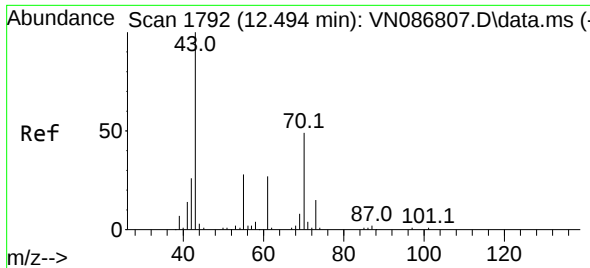
Ion Ratio Lower Upper

41 100

69 100.1 48.0 144.2

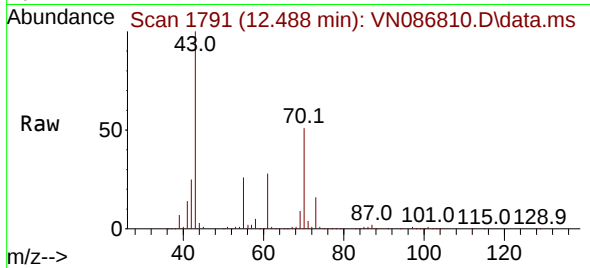
39 50.3 23.8 71.2





#47
n-amy1 Acetate
Concen: 163.548 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.006 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

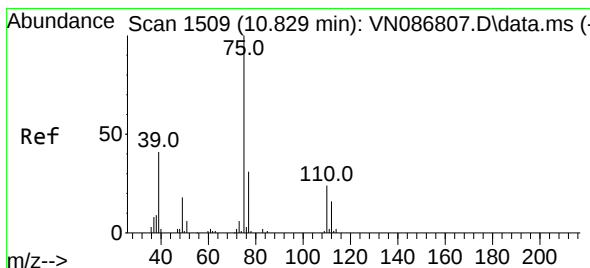
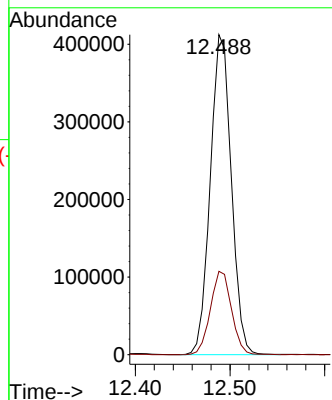
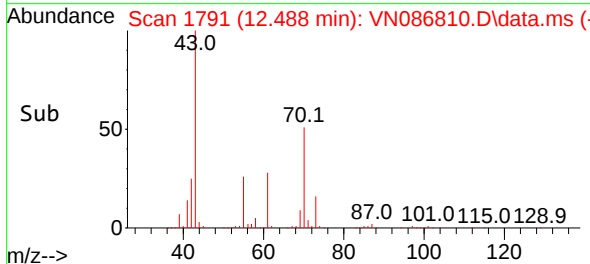
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 636180
Ion Ratio Lower Upper
43 100
55 26.1 21.7 32.5

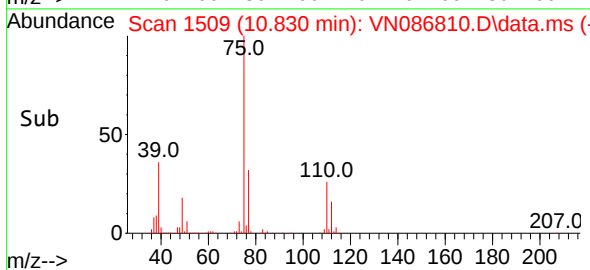
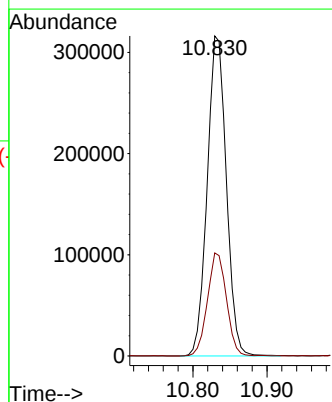
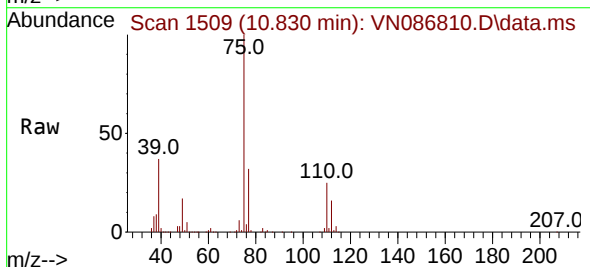
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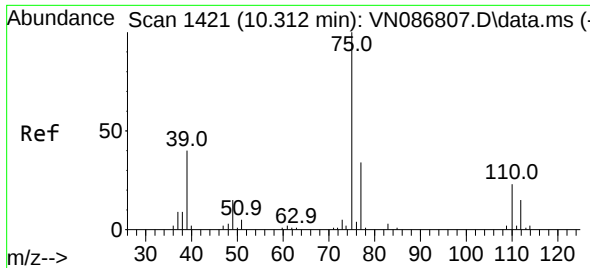
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#48
t-1,3-Dichloropropene
Concen: 156.978 ug/l
RT: 10.830 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

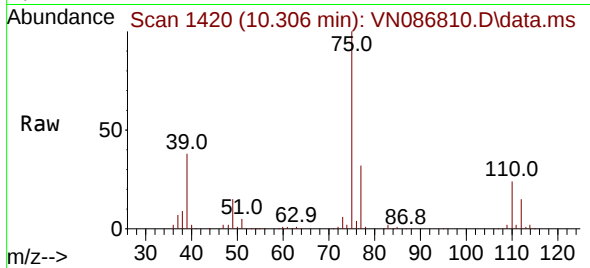
Tgt Ion: 75 Resp: 567557
Ion Ratio Lower Upper
75 100
77 32.2 25.1 37.7





#49
 cis-1,3-Dichloropropene
 Concen: 154.193 ug/l
 RT: 10.306 min Scan# 1421
 Delta R.T. -0.006 min
 Lab File: VN086810.D
 Acq: 29 May 2025 12:32

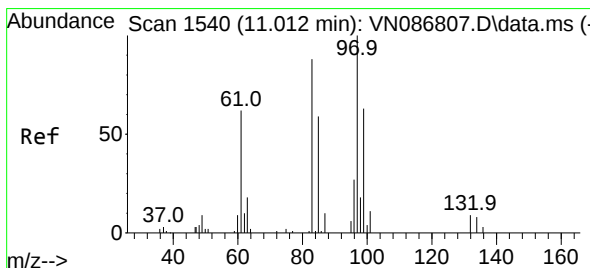
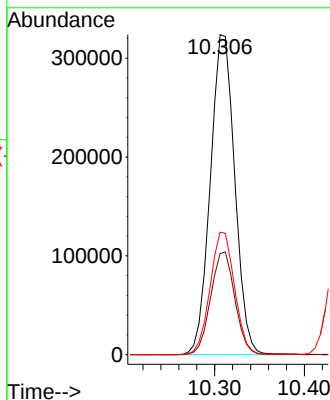
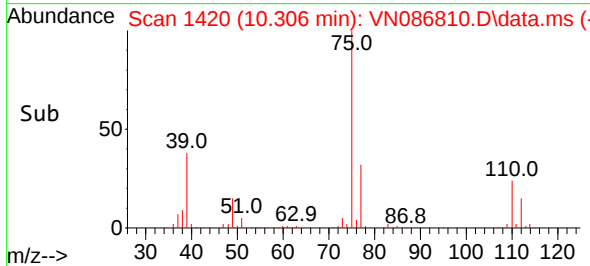
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150



Tgt Ion: 75 Resp: 61319
 Ion Ratio Lower Upper
 75 100
 77 31.6 26.9 40.3
 39 38.3 31.8 47.6

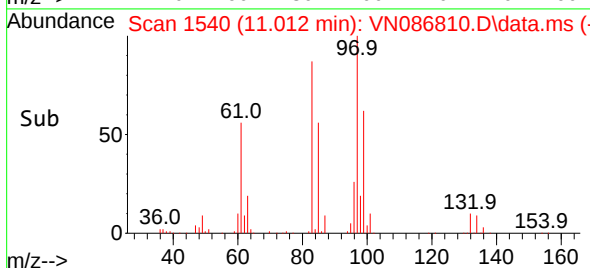
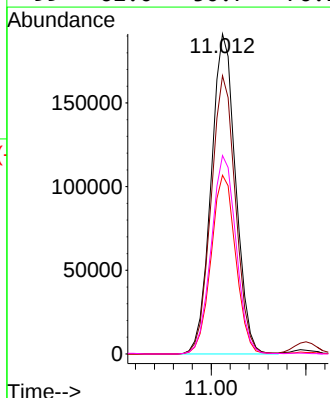
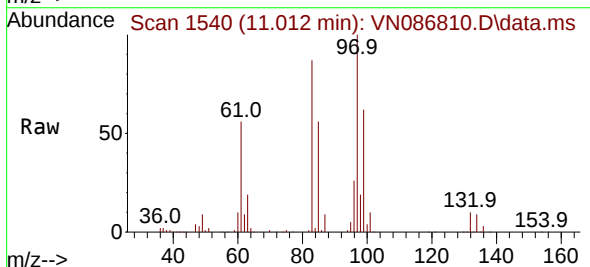
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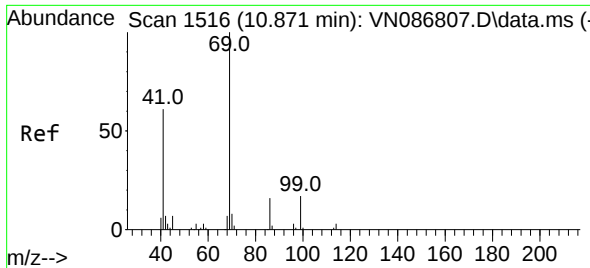
Reviewed By :John Carlone 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025



#50
 1,1,2-Trichloroethane
 Concen: 151.193 ug/l
 RT: 11.012 min Scan# 1540
 Delta R.T. 0.000 min
 Lab File: VN086810.D
 Acq: 29 May 2025 12:32

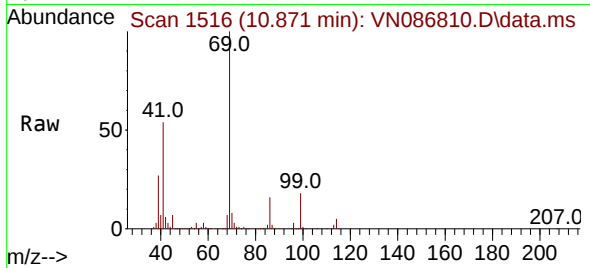
Tgt Ion: 97 Resp: 343707
 Ion Ratio Lower Upper
 97 100
 83 86.9 70.6 105.8
 85 55.8 46.8 70.2
 99 62.0 50.7 76.1





#51
Ethyl methacrylate
Concen: 161.221 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

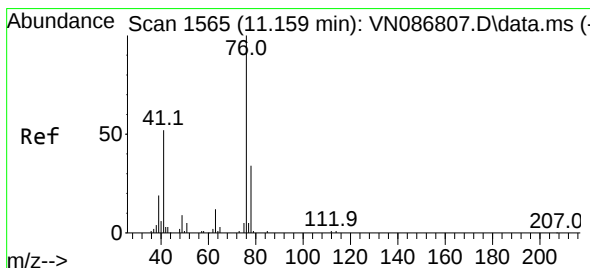
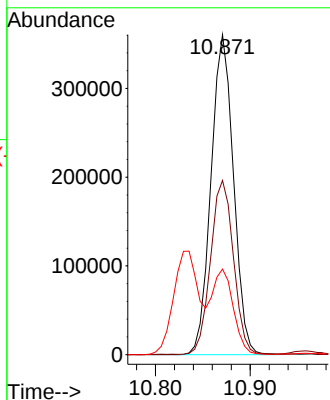
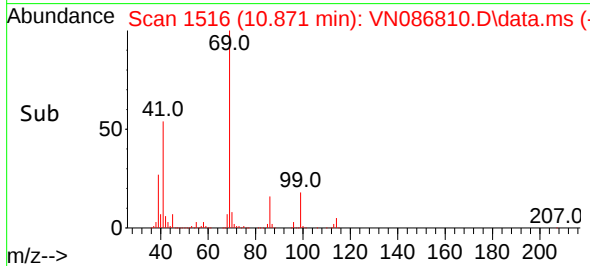
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



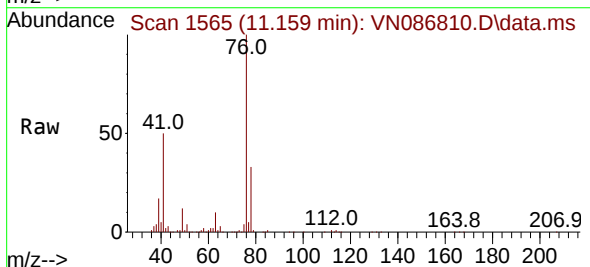
Tgt Ion: 69 Resp: 59357
Ion Ratio Lower Upper
69 100
41 54.4 30.5 91.5
39 26.6 14.3 42.9

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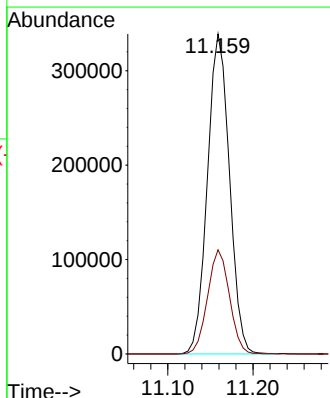
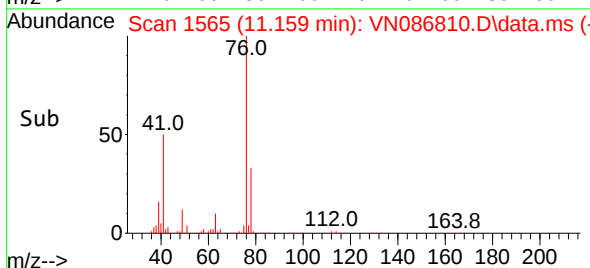
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

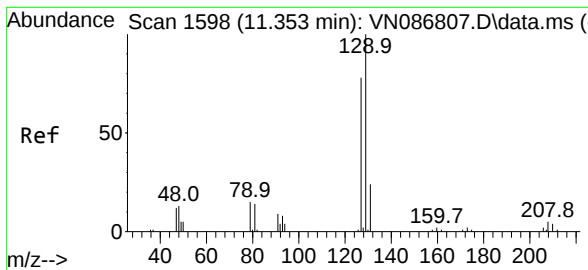


#52
1,3-Dichloropropane
Concen: 150.976 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32



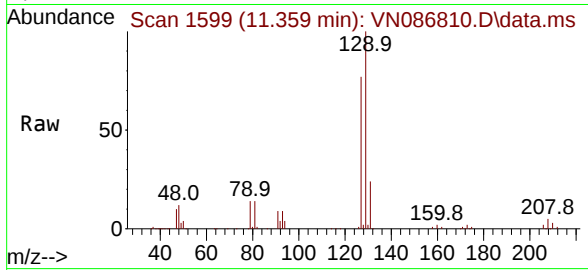
Tgt Ion: 76 Resp: 609094
Ion Ratio Lower Upper
76 100
78 32.3 0.0 64.6





#53
Dibromochloromethane
Concen: 155.726 ug/l
RT: 11.359 min Scan# 1598
Delta R.T. 0.006 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

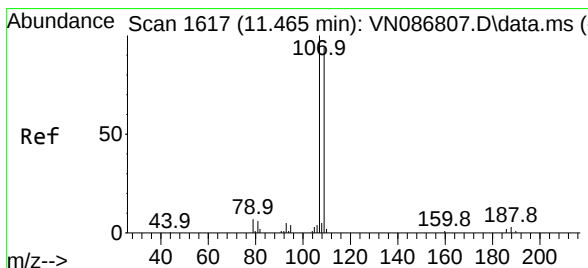
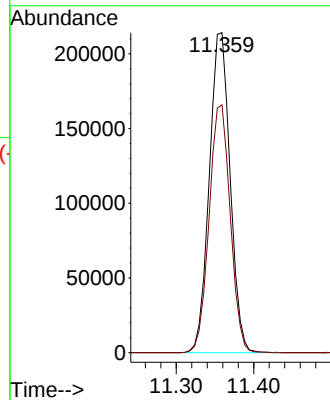
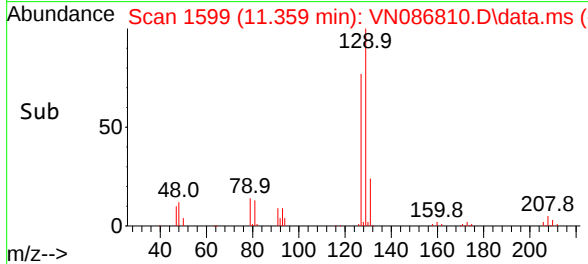
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



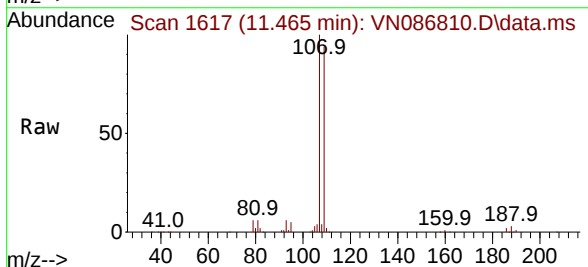
Tgt Ion:129 Resp: 400048
Ion Ratio Lower Upper
129 100
127 78.4 39.1 117.3

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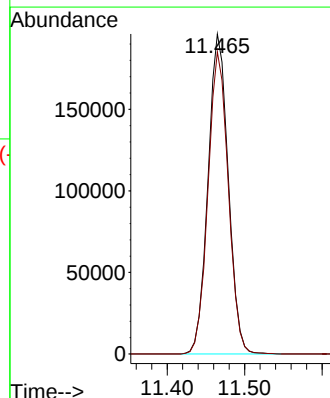
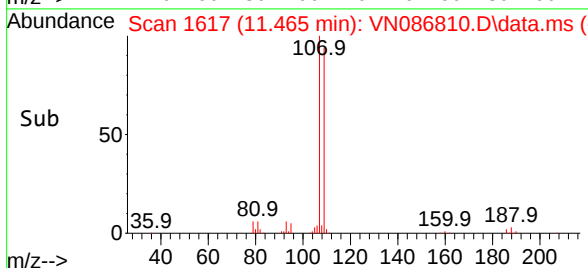
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

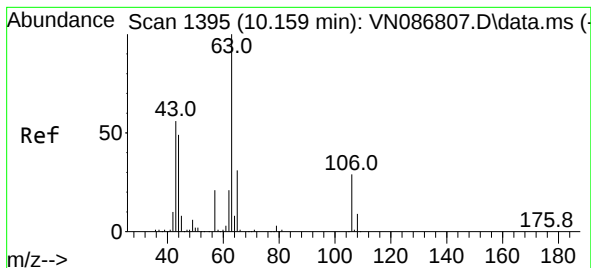


#54
1,2-Dibromoethane
Concen: 153.191 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32



Tgt Ion:107 Resp: 355975
Ion Ratio Lower Upper
107 100
109 94.5 75.0 112.6





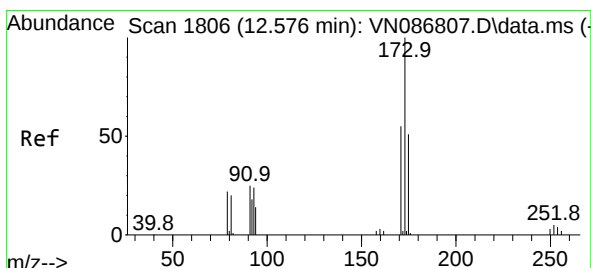
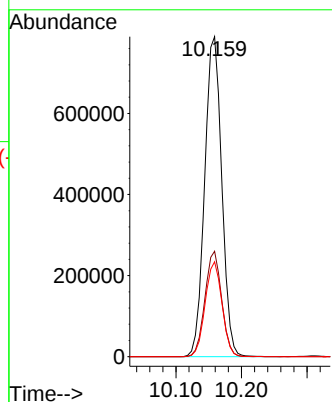
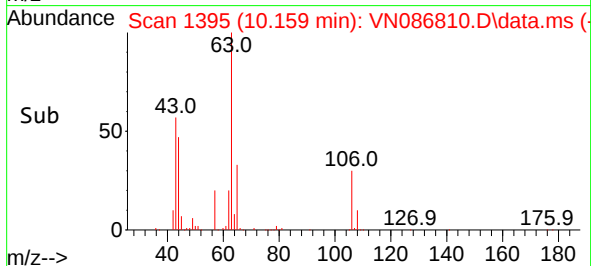
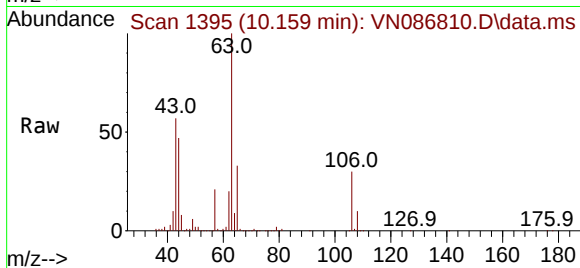
#55
2-Chloroethyl vinyl ether
Concen: 809.741 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 63 Resp: 143103
Ion Ratio Lower Upper
63 100
65 32.3 25.7 38.5
106 29.2 22.7 34.1

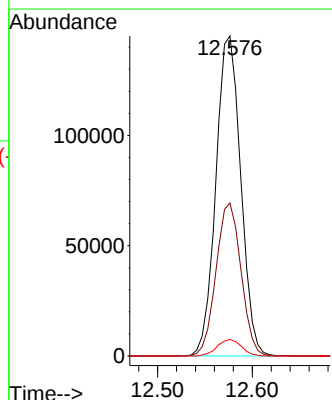
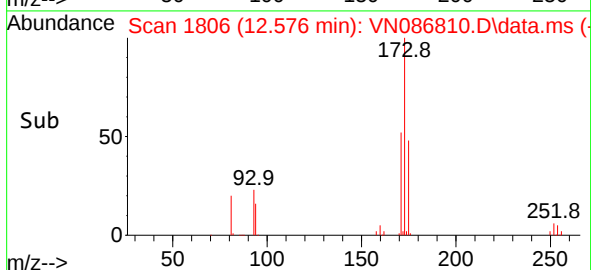
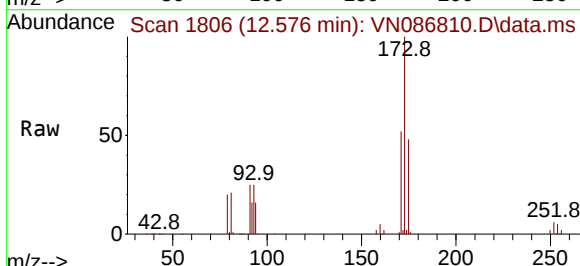
Manual Integrations
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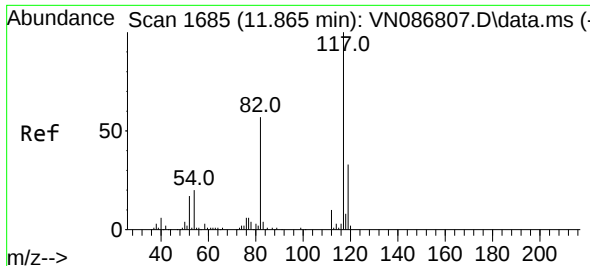
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#56
Bromoform
Concen: 163.599 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

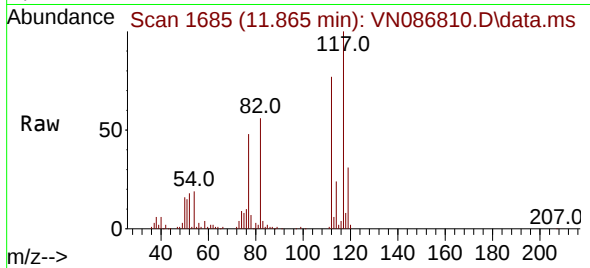
Tgt Ion:173 Resp: 264806
Ion Ratio Lower Upper
173 100
175 48.0 39.7 59.5
254 5.0 3.5 5.3





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

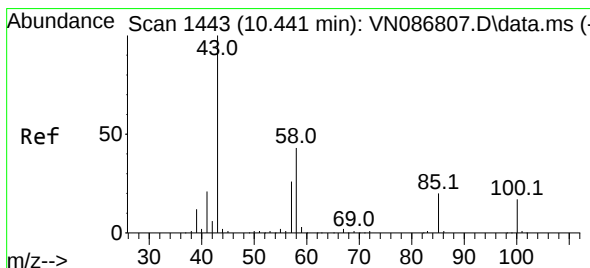
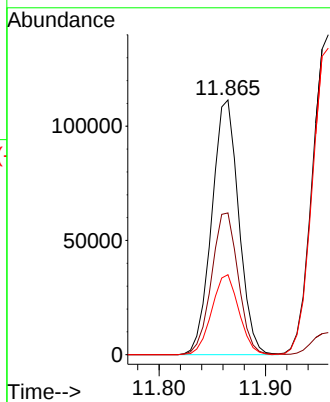
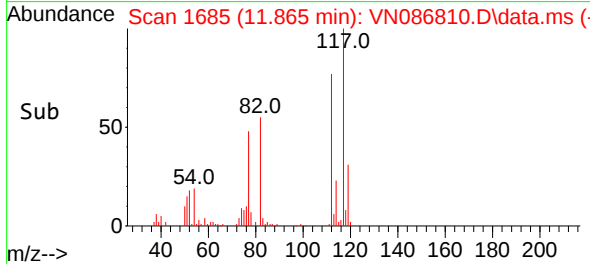
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



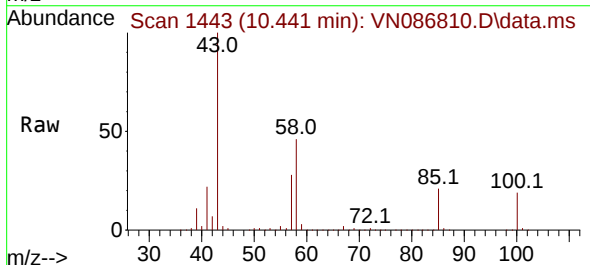
Tgt Ion: 117 Resp: 196180
Ion Ratio Lower Upper
117 100
82 55.3 44.7 67.1
119 31.7 25.6 38.4

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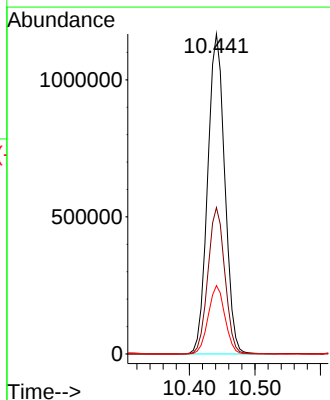
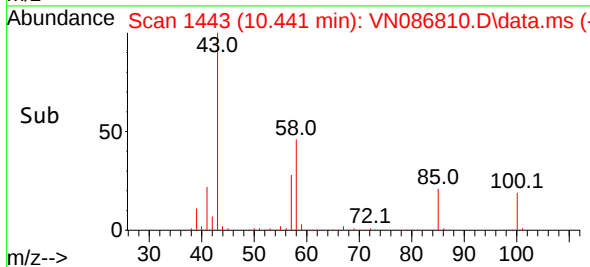
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

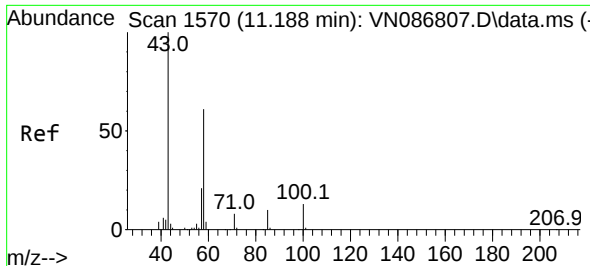


#58
4-Methyl-2-Pentanone
Concen: 734.811 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32



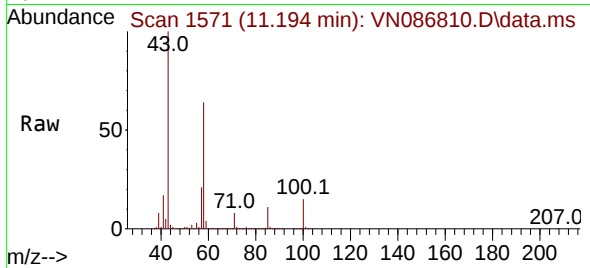
Tgt Ion: 43 Resp: 2115299
Ion Ratio Lower Upper
43 100
58 45.2 34.5 51.7
85 20.9 15.8 23.8





#59
2-Hexanone
Concen: 757.473 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

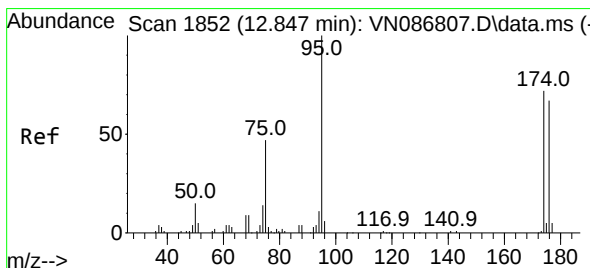
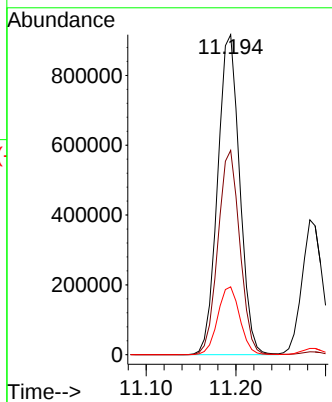
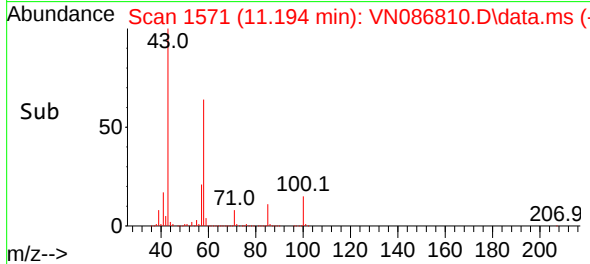
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 43 Resp: 1561930
Ion Ratio Lower Upper
43 100
58 63.2 49.1 73.7
57 21.3 16.6 25.0

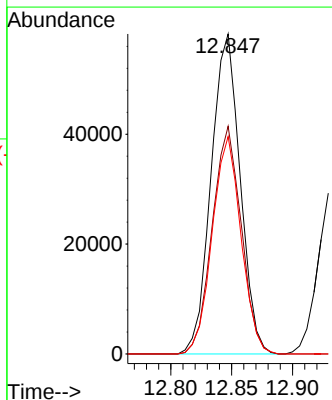
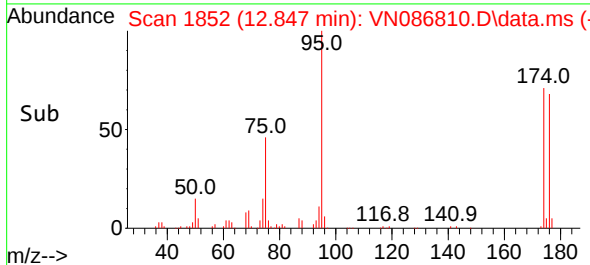
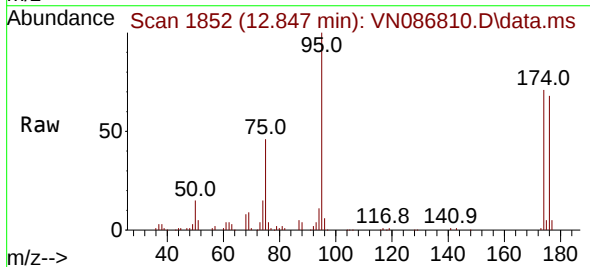
Manual Integrations
APPROVED

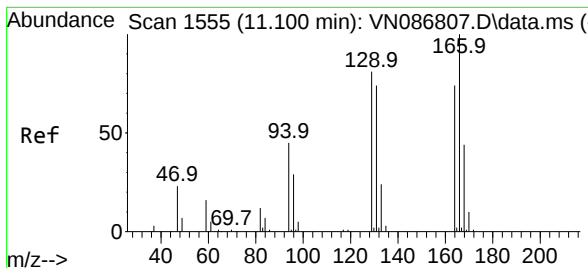
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#60
4-Bromofluorobenzene
Concen: 31.371 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

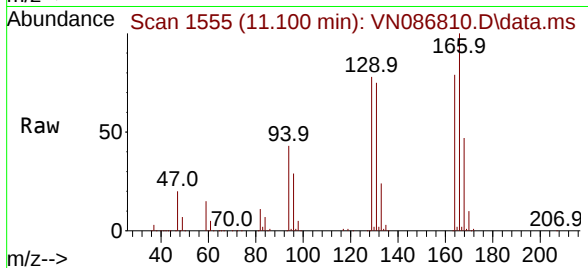
Tgt Ion: 95 Resp: 96629
Ion Ratio Lower Upper
95 100
174 71.1 56.2 84.4
176 67.5 53.4 80.0





#61
Tetrachloroethene
Concen: 149.443 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

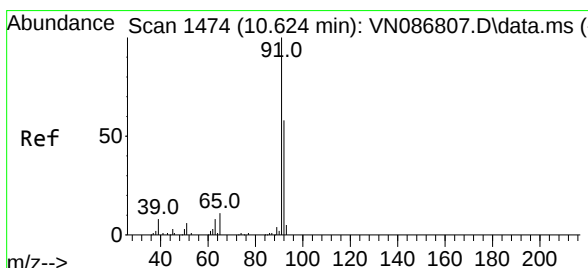
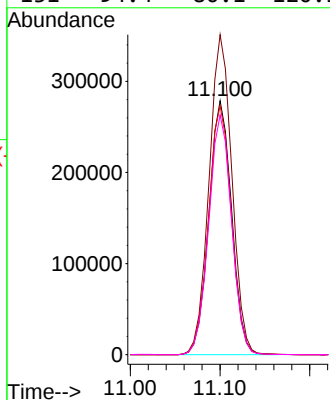
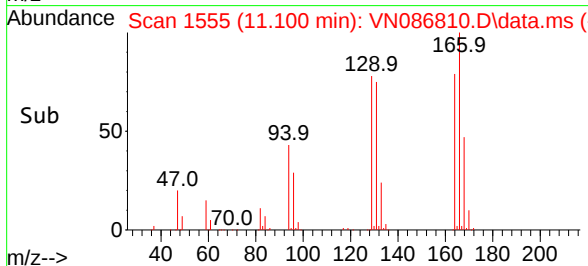
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion:164 Resp: 492833
Ion Ratio Lower Upper
164 100
166 126.0 107.5 161.3
129 97.9 87.4 131.2
131 94.4 80.1 120.1

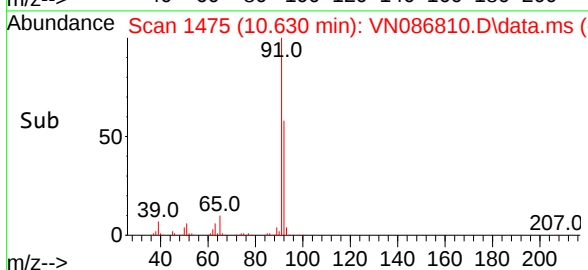
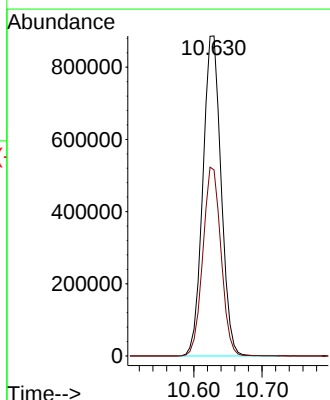
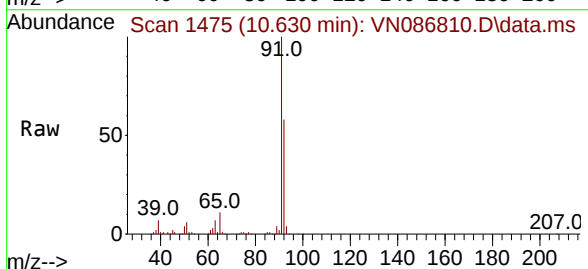
Manual Integrations
APPROVED

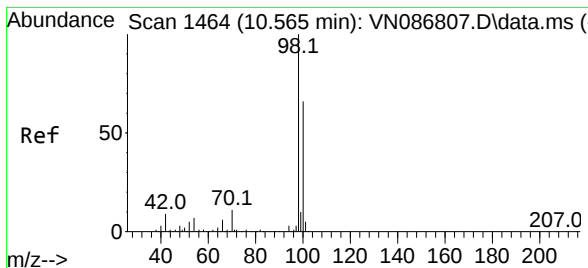
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#62
Toluene
Concen: 149.235 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

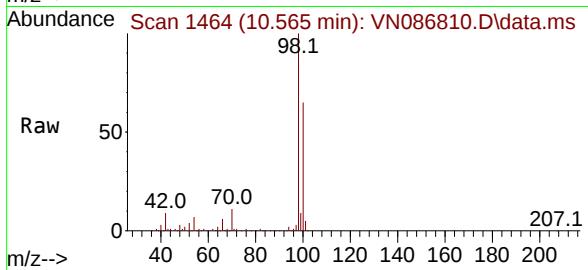
Tgt Ion: 91 Resp: 1648918
Ion Ratio Lower Upper
91 100
92 58.7 46.6 70.0





#63
Toluene-d8
Concen: 29.247 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

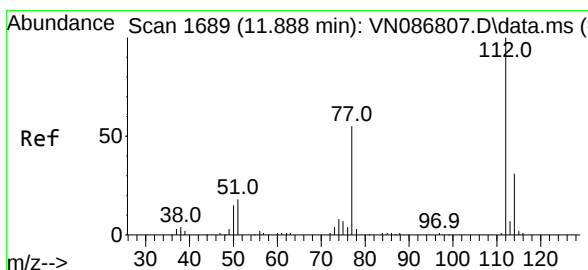
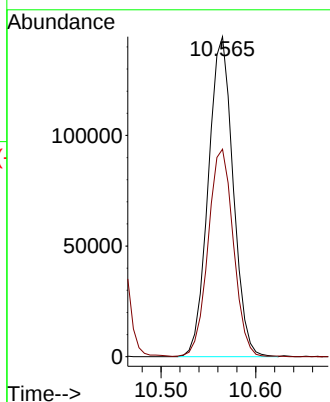
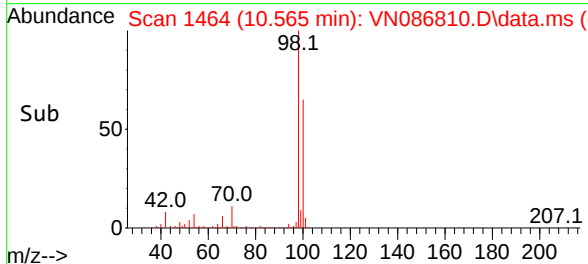
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 98 Resp: 26336
Ion Ratio Lower Upper
98 100
100 66.0 52.7 79.1

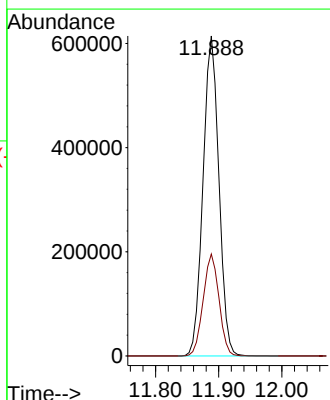
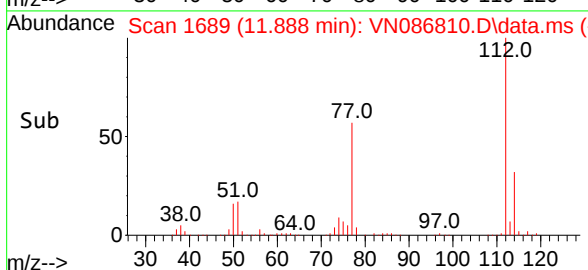
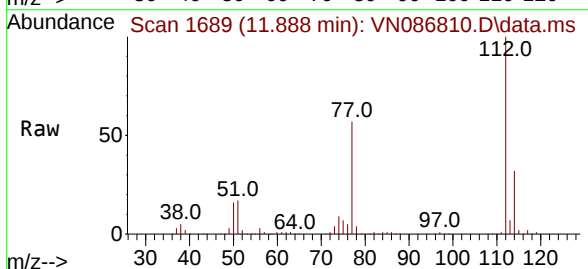
Manual Integrations
APPROVED

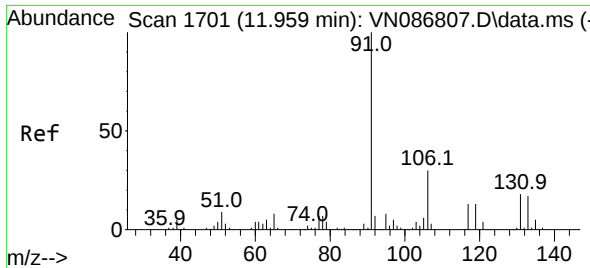
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#64
Chlorobenzene
Concen: 151.815 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

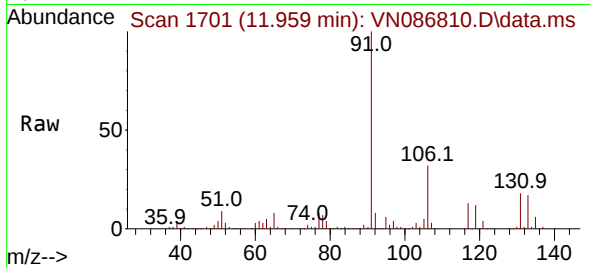
Tgt Ion:112 Resp: 1069756
Ion Ratio Lower Upper
112 100
114 31.9 25.1 37.7





#65
1,1,1,2-Tetrachloroethane
Concen: 151.013 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

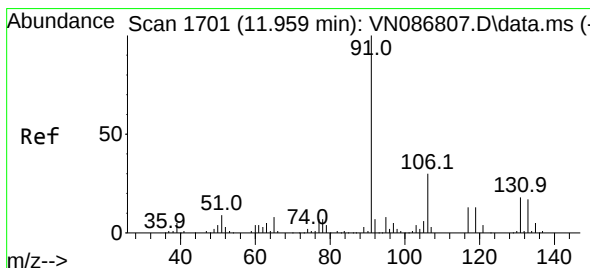
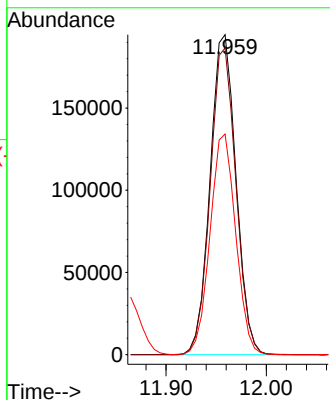
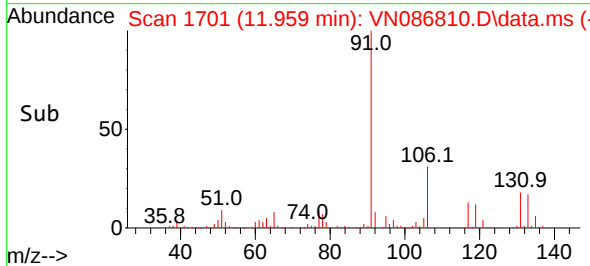
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion:131 Resp: 349584
Ion Ratio Lower Upper
131 100
133 95.4 0.0 191.0
119 68.3 0.0 140.8

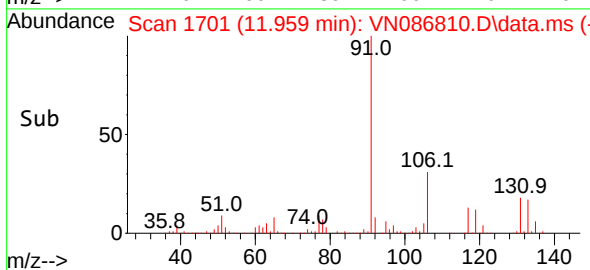
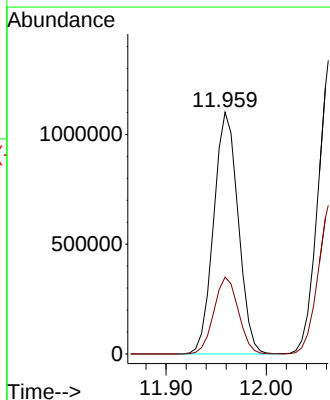
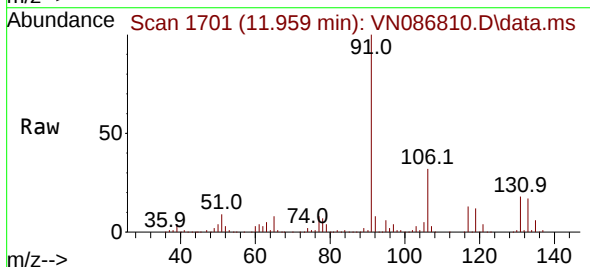
Manual Integrations
APPROVED

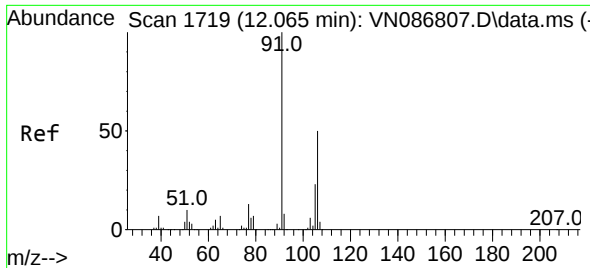
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#66
Ethyl Benzene
Concen: 156.442 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

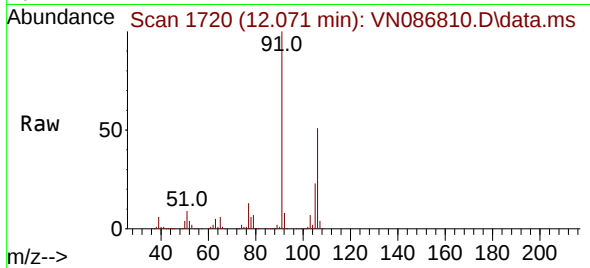
Tgt Ion: 91 Resp: 1869658
Ion Ratio Lower Upper
91 100
106 31.8 23.6 35.4





#67
m/p-Xylenes
Concen: 312.763 ug/l
RT: 12.071 min Scan# 1719
Delta R.T. 0.006 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

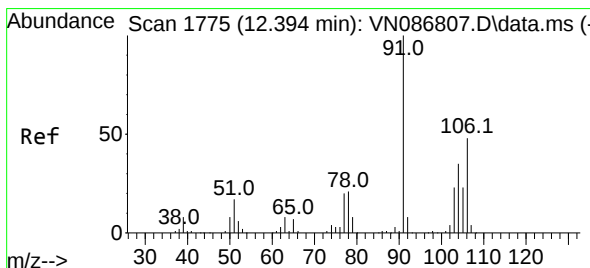
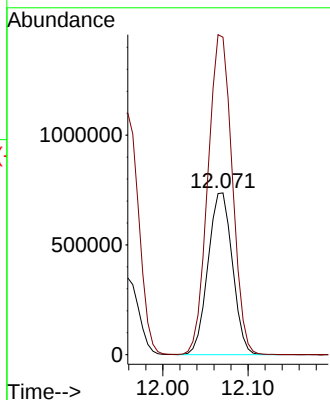
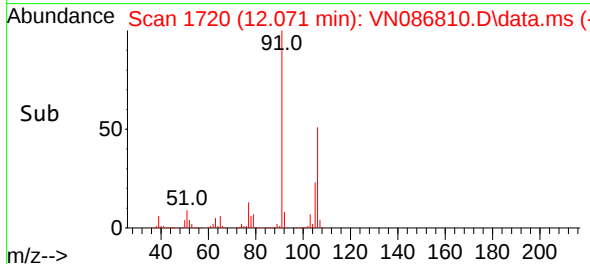
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion:106 Resp: 1466789
Ion Ratio Lower Upper
106 100
91 197.1 160.7 241.1

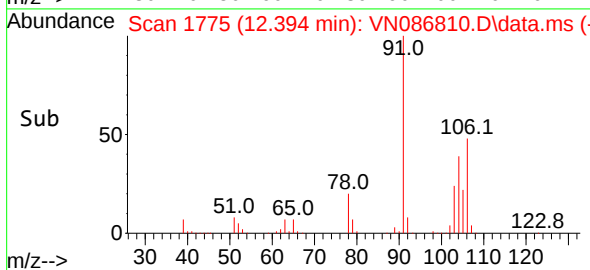
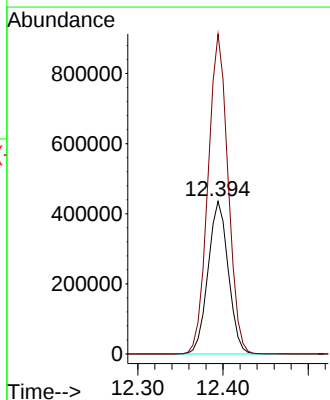
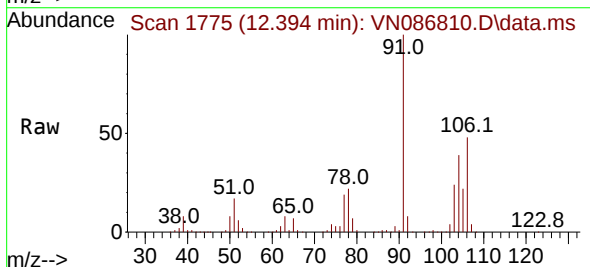
Manual Integrations
APPROVED

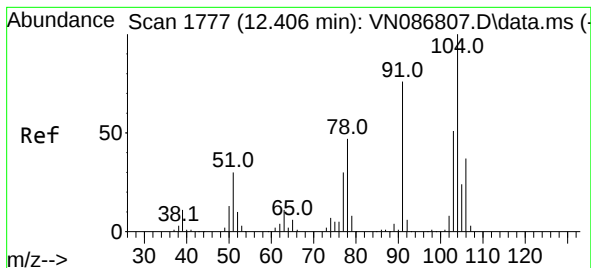
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#68
o-Xylene
Concen: 157.947 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion:106 Resp: 717874
Ion Ratio Lower Upper
106 100
91 207.8 106.3 318.9





#69

Styrene

Concen: 161.058 ug/l

RT: 12.406 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VN086810.D

Acq: 29 May 2025 12:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion:104 Resp: 121957

Ion Ratio Lower Upper

104 100

78 47.8 38.6 57.8

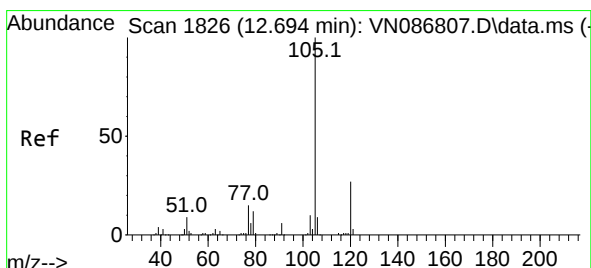
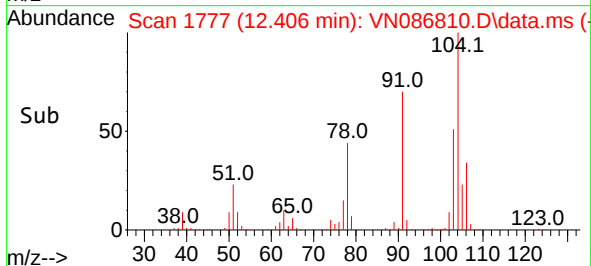
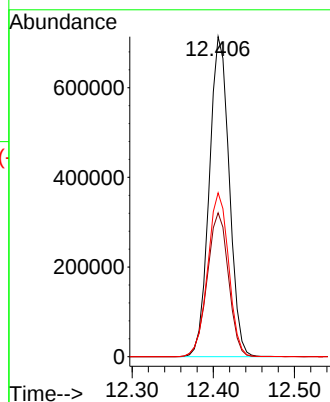
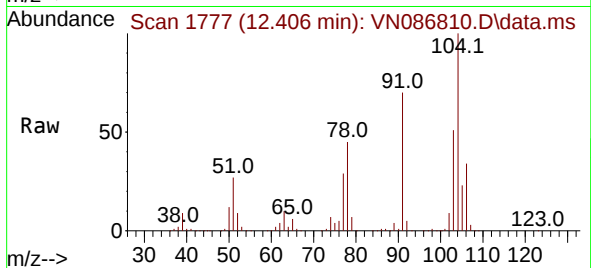
103 53.9 43.2 64.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2025

Supervised By :Mahesh Dadoda 05/30/2025



#70

Isopropylbenzene

Concen: 158.500 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN086810.D

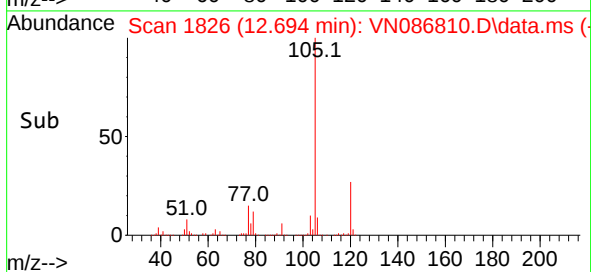
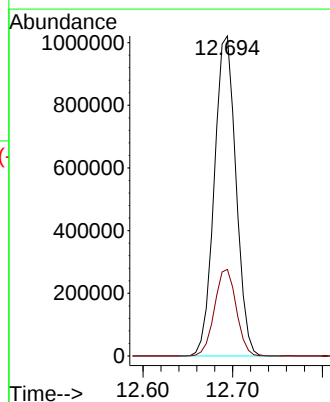
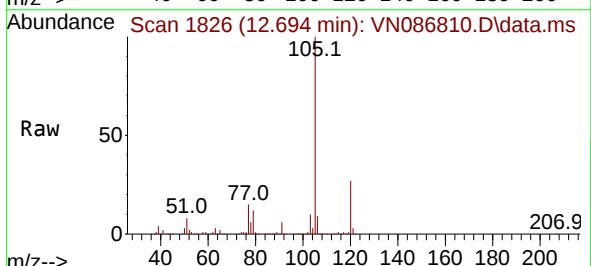
Acq: 29 May 2025 12:32

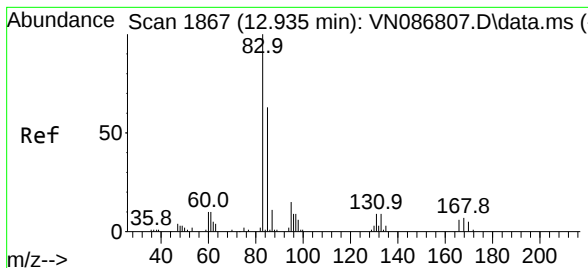
Tgt Ion:105 Resp: 1713400

Ion Ratio Lower Upper

105 100

120 27.1 19.0 35.2





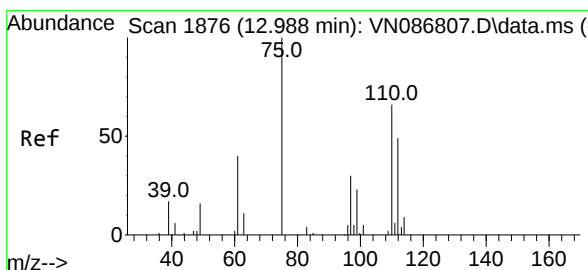
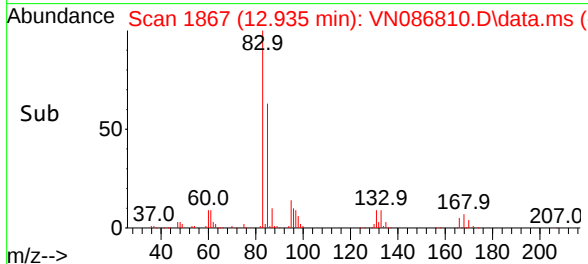
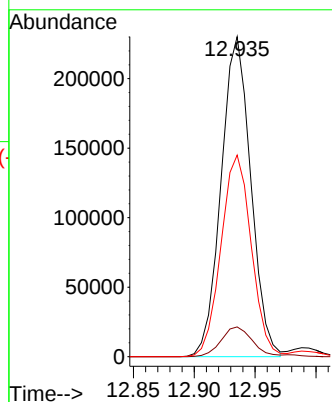
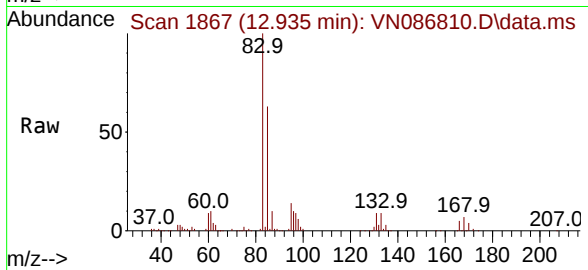
#71
1,1,2,2-Tetrachloroethane
Concen: 152.071 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 39084
Ion Ratio Lower Upper
83 100
131 9.8 5.0 15.0
85 64.4 32.6 97.7

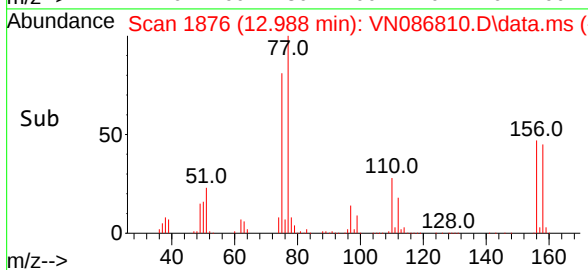
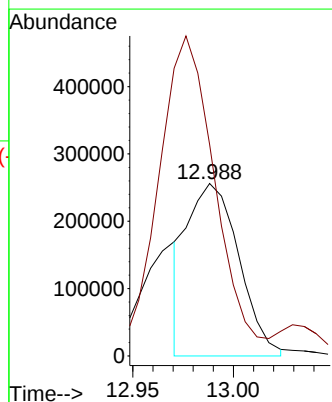
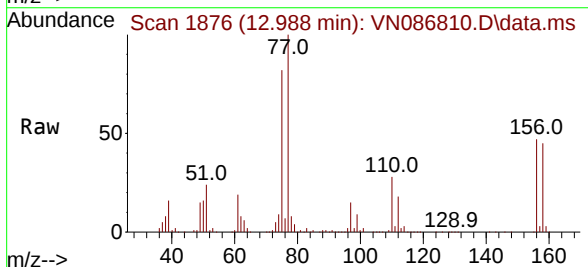
Manual Integrations
APPROVED

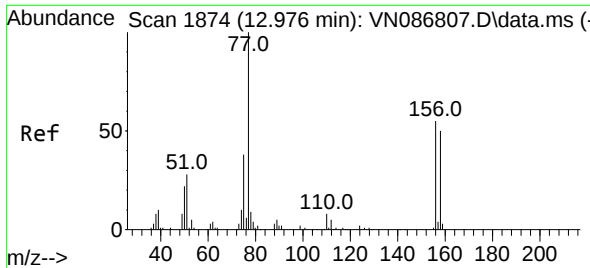
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#72
1,2,3-Trichloropropane
Concen: 143.500 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion: 75 Resp: 454375
Ion Ratio Lower Upper
75 100
77 205.7 0.0 390.6





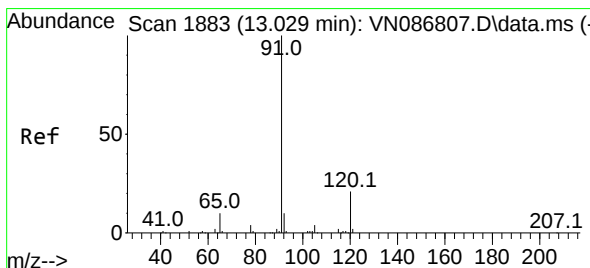
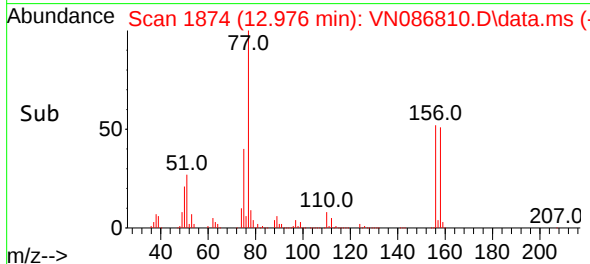
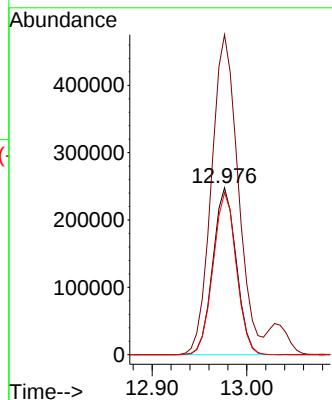
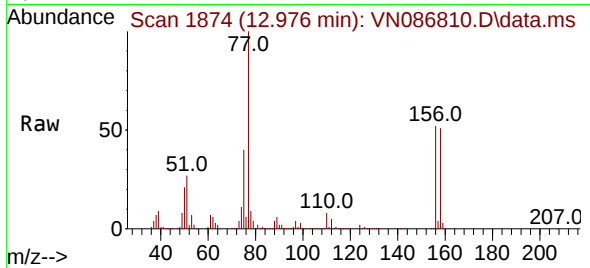
#73
Bromobenzene
Concen: 158.221 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:156 Resp: 42512
Ion Ratio Lower Upper
156 100
77 219.8 0.0 442.0
158 96.4 0.0 191.8

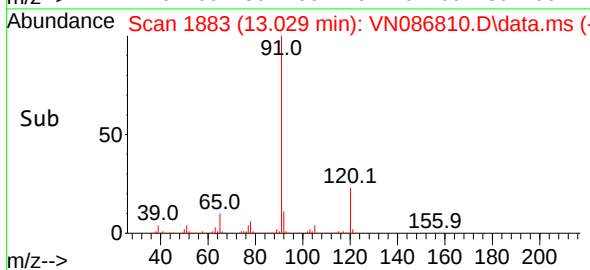
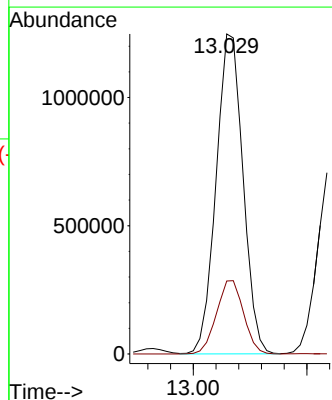
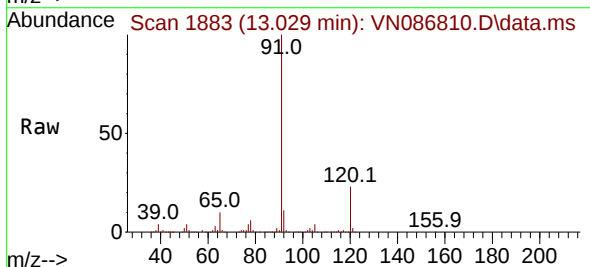
Manual Integrations
APPROVED

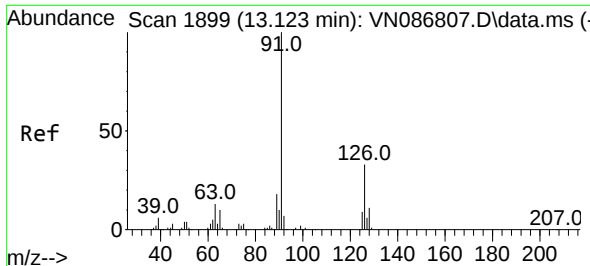
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#74
n-propylbenzene
Concen: 160.082 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion: 91 Resp: 2049785
Ion Ratio Lower Upper
91 100
120 23.1 0.0 45.6





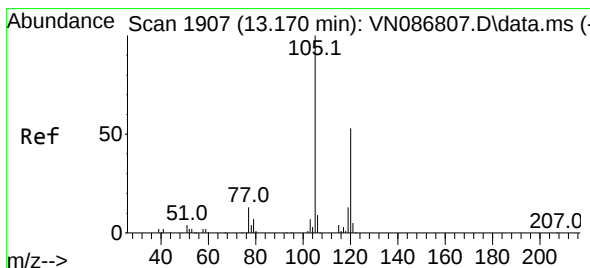
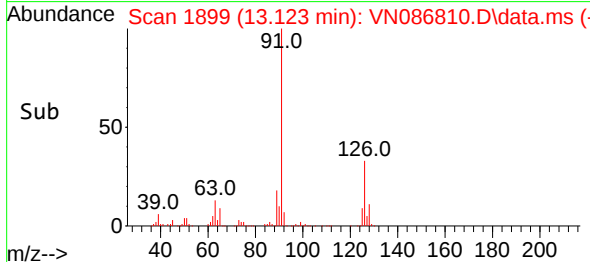
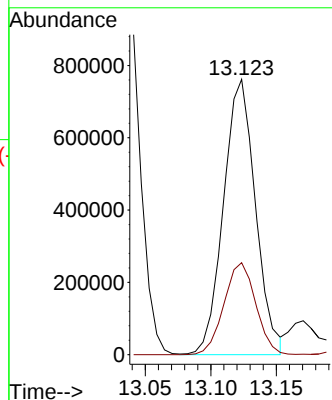
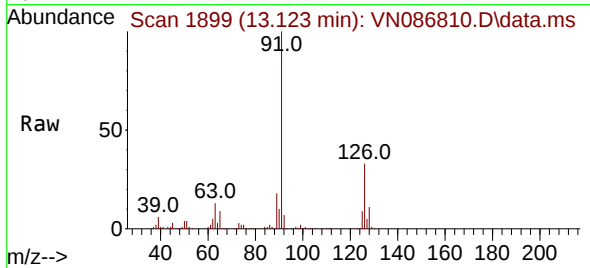
#75
2-Chlorotoluene
Concen: 157.264 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 1292500
Ion Ratio Lower Upper
91 100
126 33.2 0.0 64.4

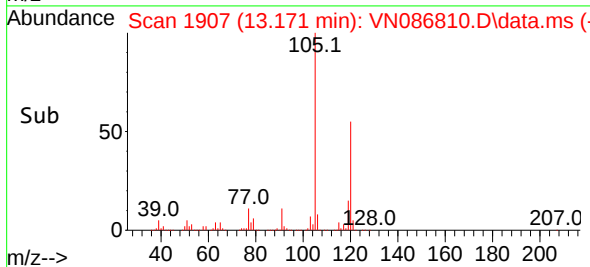
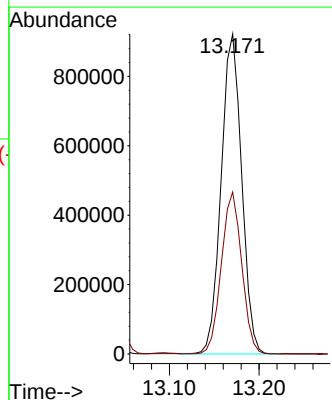
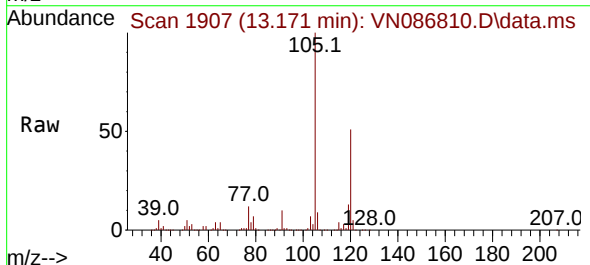
Manual Integrations
APPROVED

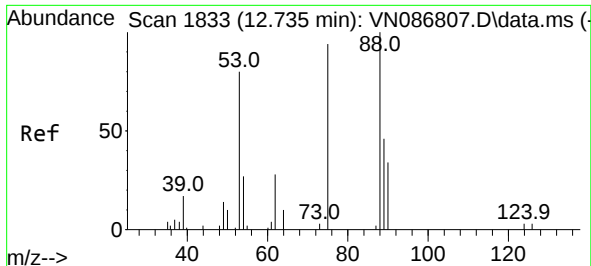
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#76
1,3,5-Trimethylbenzene
Concen: 162.846 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

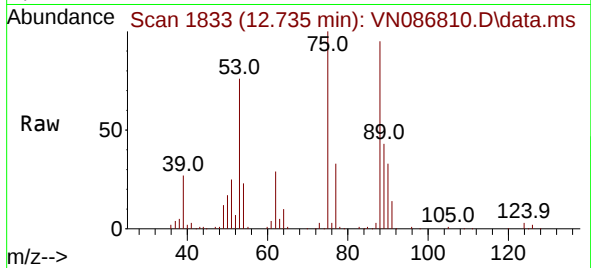
Tgt Ion:105 Resp: 1464473
Ion Ratio Lower Upper
105 100
120 50.1 0.0 101.4





#77
t-1,4-Dichloro-2-butene
Concen: 163.684 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

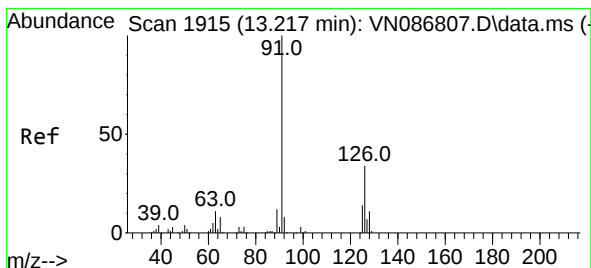
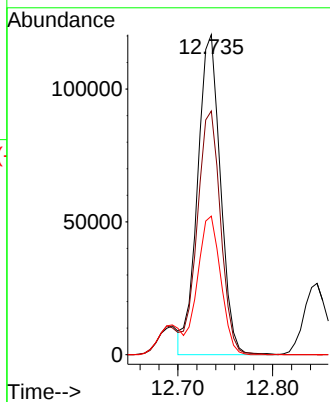
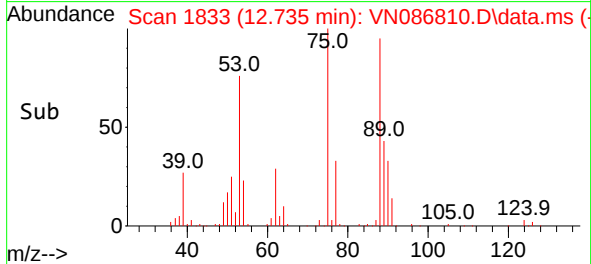
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 75 Resp: 201774
Ion Ratio Lower Upper
75 100
53 76.0 43.0 128.8
89 43.3 25.4 76.2

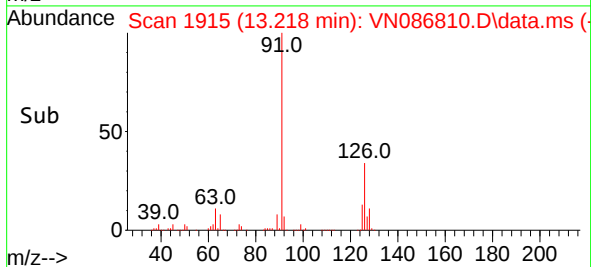
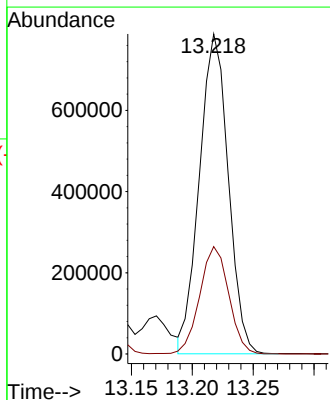
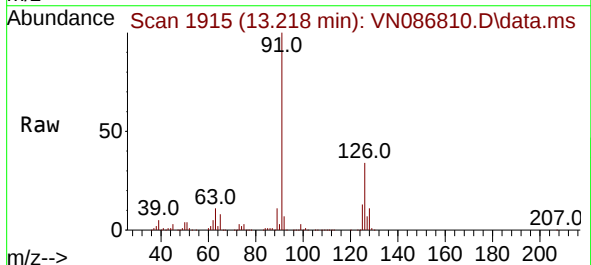
Manual Integrations
APPROVED

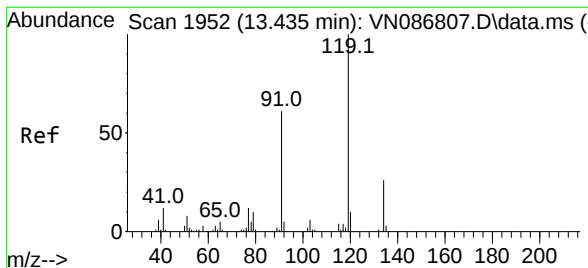
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#78
4-Chlorotoluene
Concen: 159.859 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion: 91 Resp: 1301445
Ion Ratio Lower Upper
91 100
126 33.7 0.0 66.6





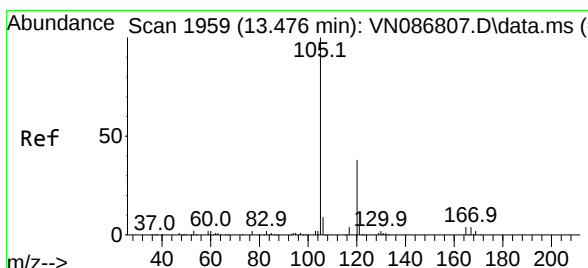
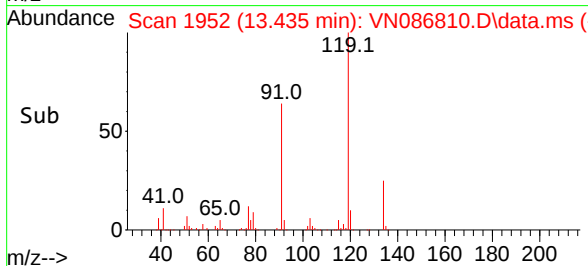
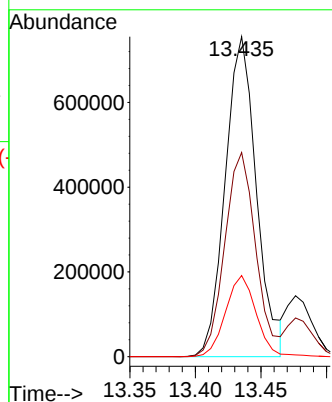
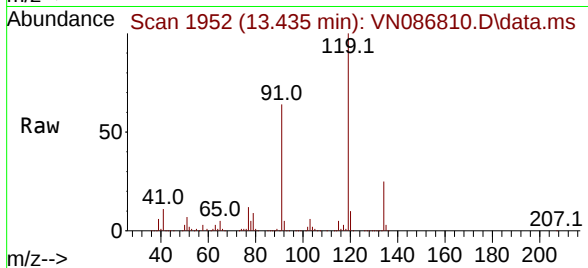
#79
tert-butylbenzene
Concen: 161.026 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:119 Resp: 1252020
Ion Ratio Lower Upper
119 100
91 63.6 0.0 130.4
134 24.9 0.0 50.6

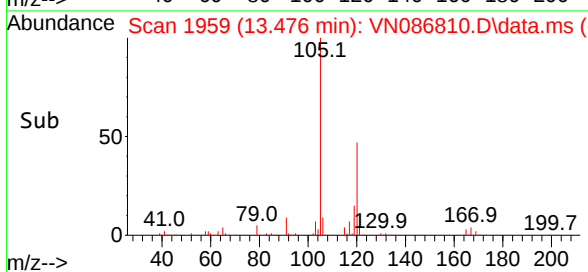
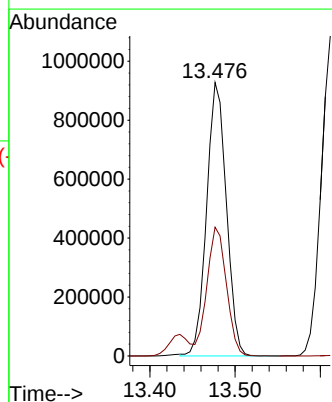
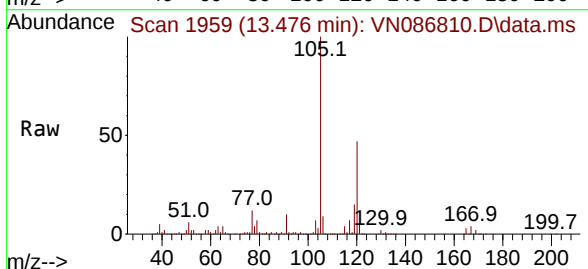
Manual Integrations
APPROVED

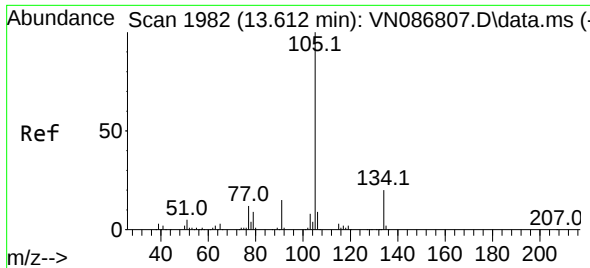
Reviewed By :John Carbone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#80
1,2,4-Trimethylbenzene
Concen: 165.201 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

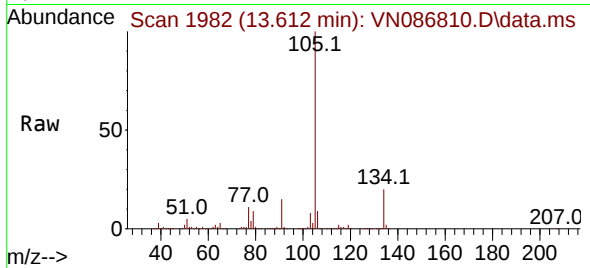
Tgt Ion:105 Resp: 1491239
Ion Ratio Lower Upper
105 100
120 46.1 0.0 92.2





#81
 sec-Butylbenzene
 Concen: 163.500 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN086810.D
 Acq: 29 May 2025 12:32

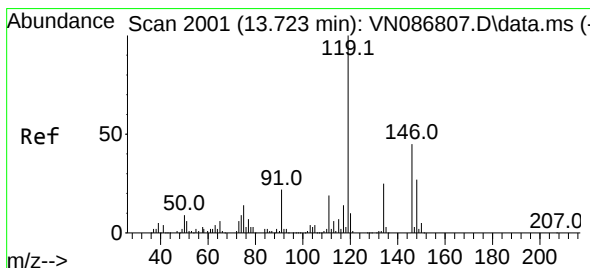
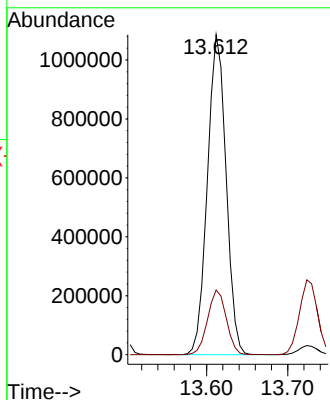
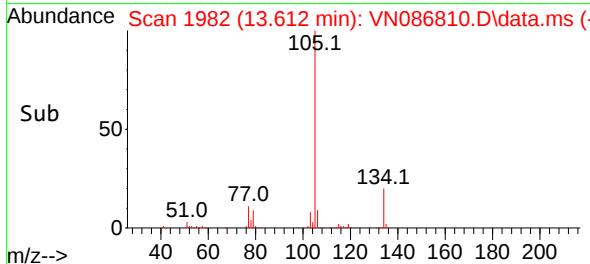
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150



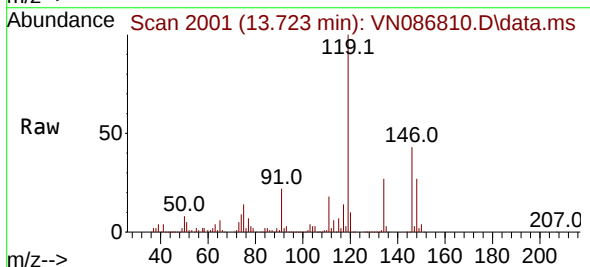
Tgt Ion:105 Resp: 173189
 Ion Ratio Lower Upper
 105 100
 134 20.2 0.0 40.0

Manual Integrations
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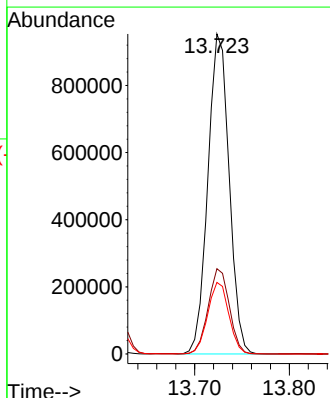
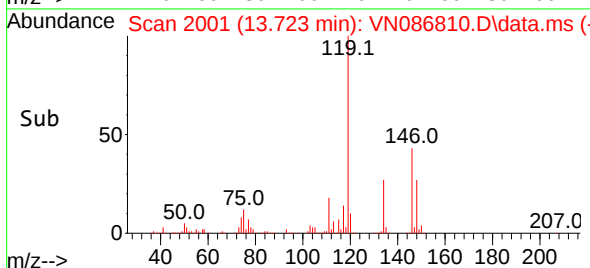
Reviewed By :John Carlone 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025

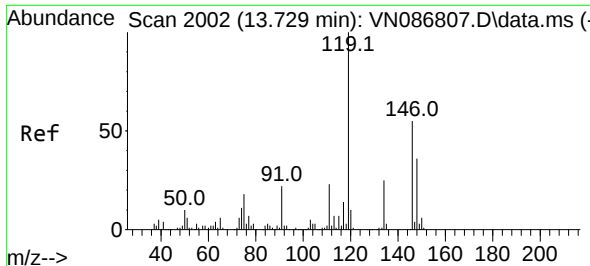


#82
 p-Isopropyltoluene
 Concen: 167.433 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN086810.D
 Acq: 29 May 2025 12:32



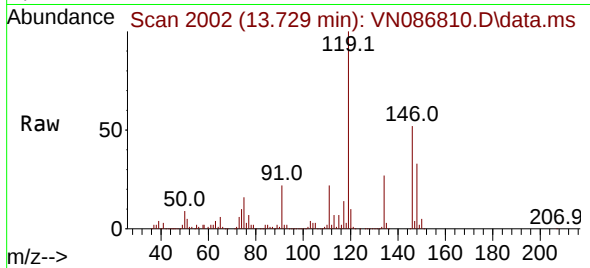
Tgt Ion:119 Resp: 1489210
 Ion Ratio Lower Upper
 119 100
 134 26.4 0.0 51.8
 91 22.3 0.0 45.2





#83
1,3-Dichlorobenzene
Concen: 161.514 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

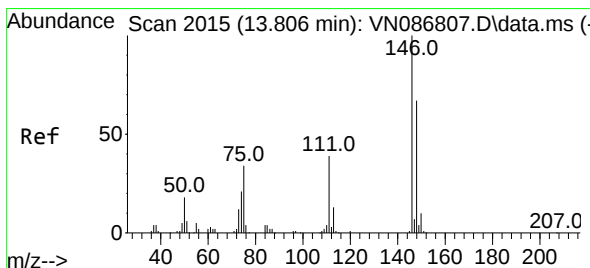
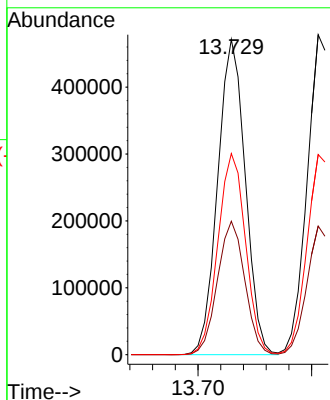
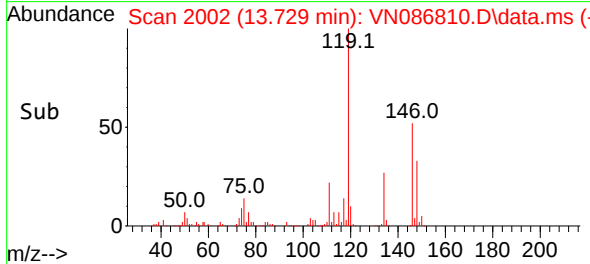
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



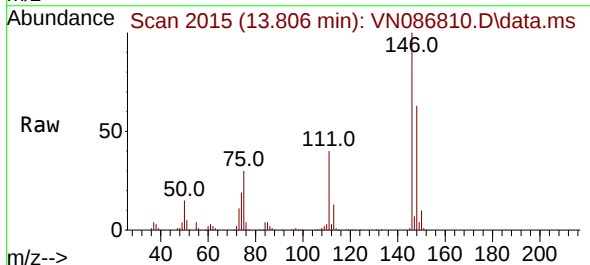
Tgt Ion:146 Resp: 796135
Ion Ratio Lower Upper
146 100
111 42.0 21.1 63.1
148 64.0 32.1 96.5

Manual Integrations
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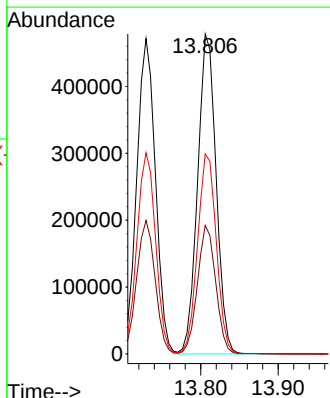
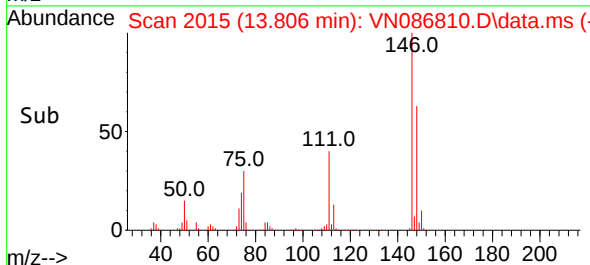
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

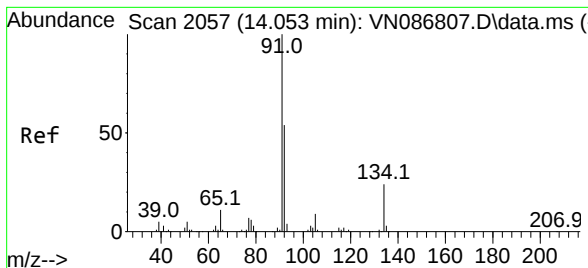


#84
1,4-Dichlorobenzene
Concen: 161.861 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32



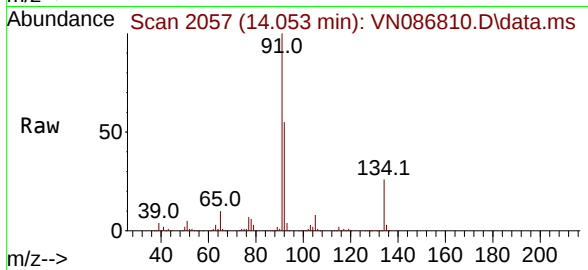
Tgt Ion:146 Resp: 793977
Ion Ratio Lower Upper
146 100
111 39.7 19.8 59.4
148 63.4 31.9 95.5





#85
n-Butylbenzene
Concen: 170.087 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

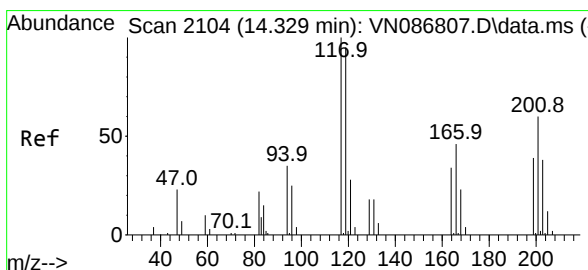
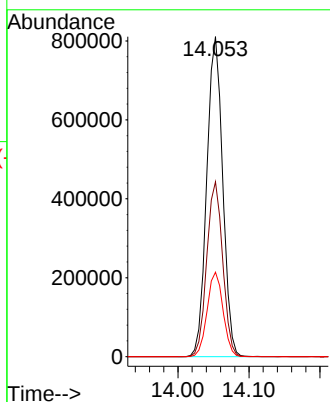
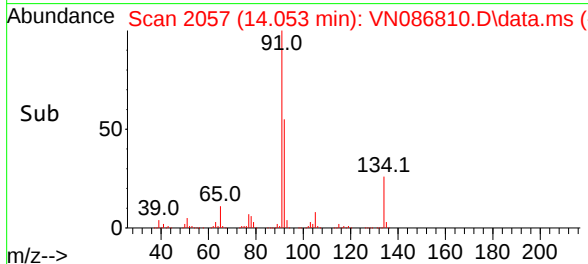
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 91 Resp: 1266500
Ion Ratio Lower Upper
91 100
92 54.5 0.0 107.6
134 26.3 0.0 50.0

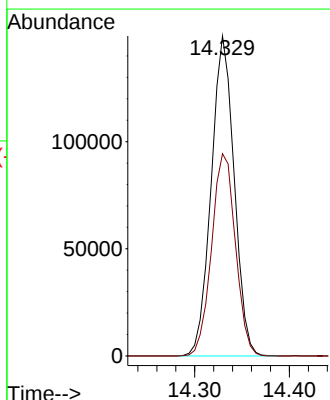
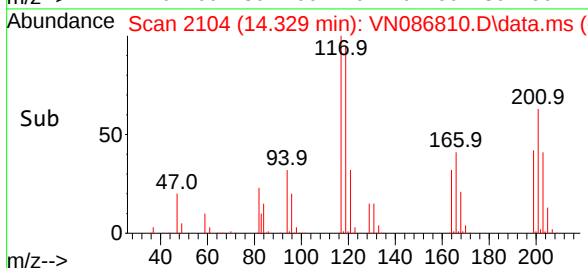
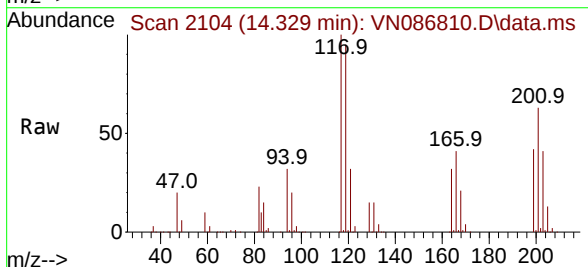
Manual Integrations
APPROVED

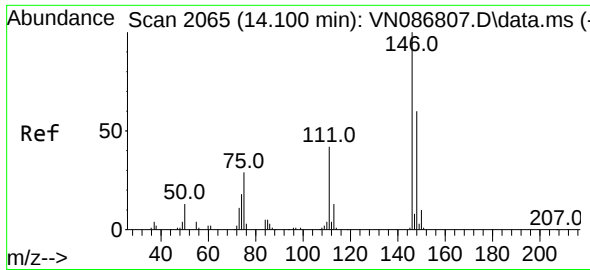
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#86
Hexachloroethane
Concen: 165.978 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion:117 Resp: 251604
Ion Ratio Lower Upper
117 100
201 65.6 31.4 94.3





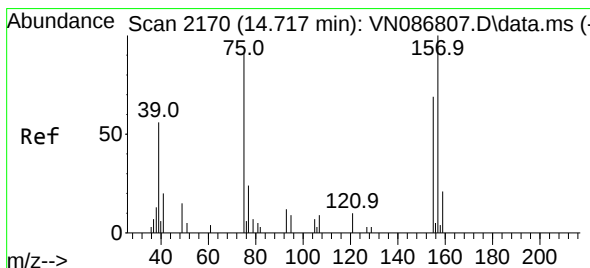
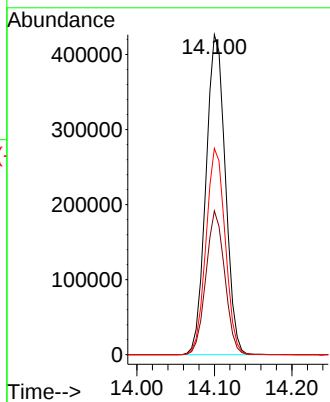
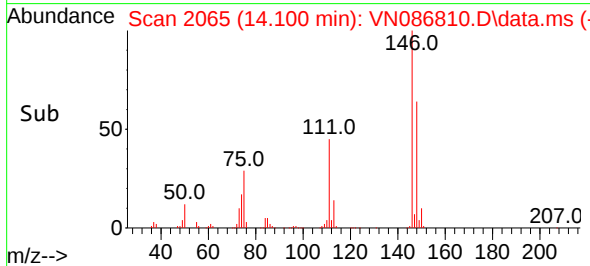
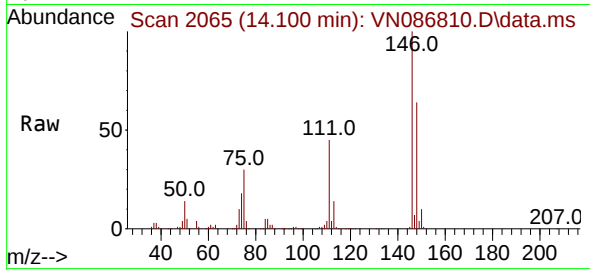
#87
1,2-Dichlorobenzene
Concen: 155.817 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion:146 Resp: 74089
Ion Ratio Lower Upper
146 100
111 43.5 21.6 64.8
148 63.9 31.6 94.7

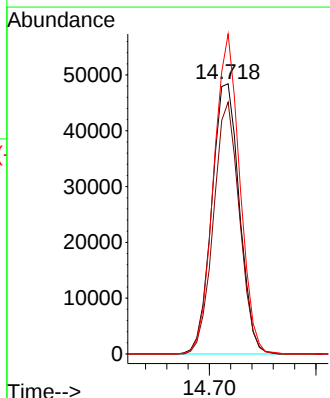
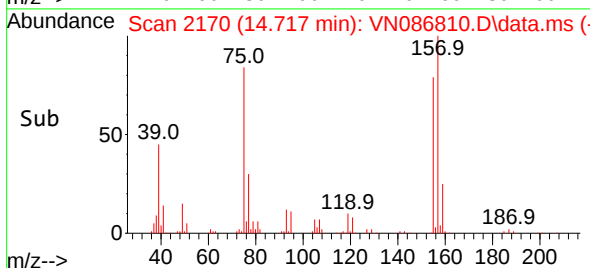
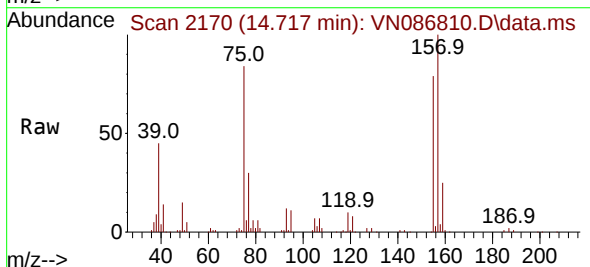
Manual Integrations
APPROVED

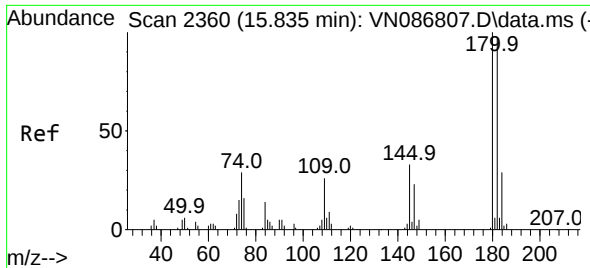
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#88
1,2-Dibromo-3-Chloropropane
Concen: 161.122 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

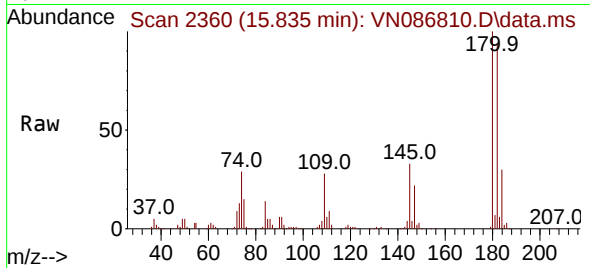
Tgt Ion: 75 Resp: 87205
Ion Ratio Lower Upper
75 100
155 87.4 62.9 94.3
157 111.3 84.0 126.0





#89
1,2,4-Trichlorobenzene
Concen: 169.587 ug/l
RT: 15.835 min Scan# 210
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

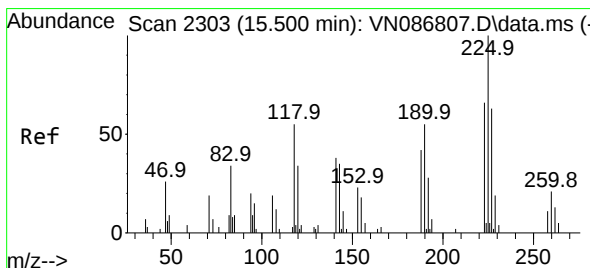
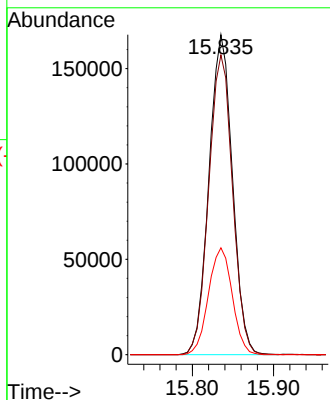
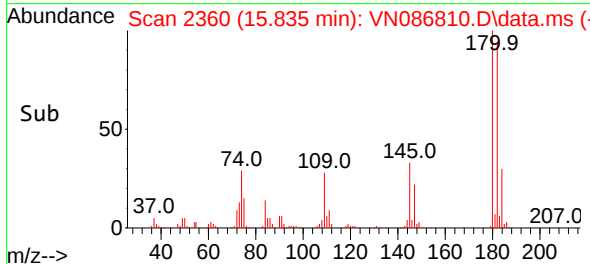
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



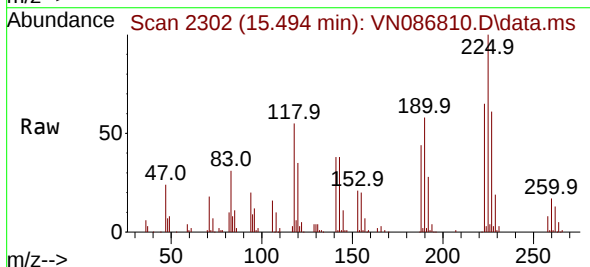
Tgt Ion:180 Resp: 337470
Ion Ratio Lower Upper
180 100
182 94.8 78.2 117.2
145 33.8 28.0 42.0

Manual Integrations
APPROVED

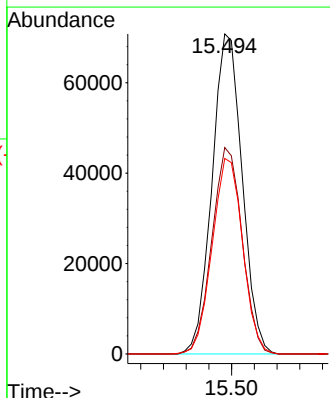
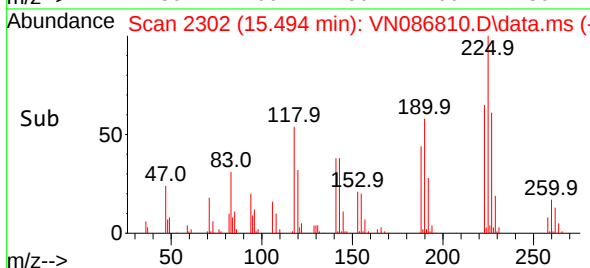
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

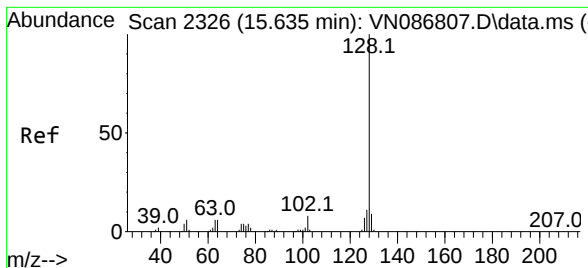


#90
Hexachlorobutadiene
Concen: 152.920 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32



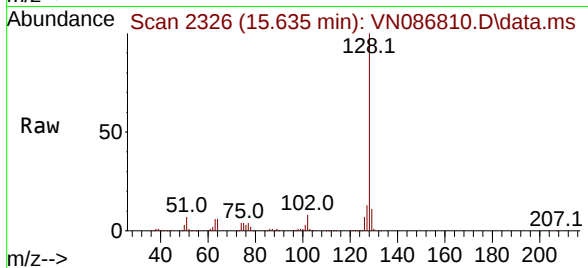
Tgt Ion:225 Resp: 130424
Ion Ratio Lower Upper
225 100
223 64.7 0.0 135.8
227 61.8 0.0 125.0





#91
Naphthalene
Concen: 176.928 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

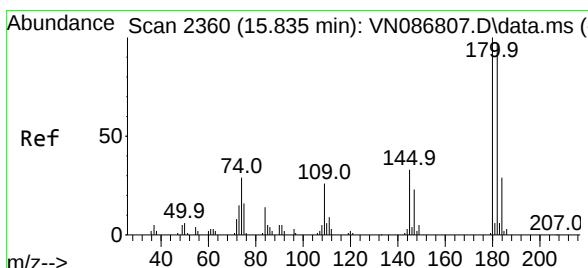
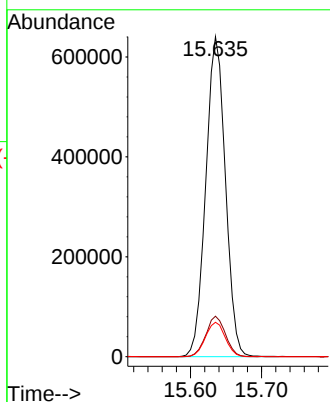
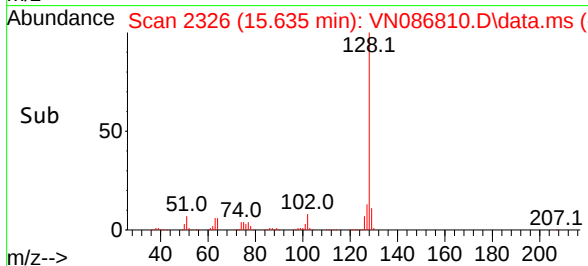
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



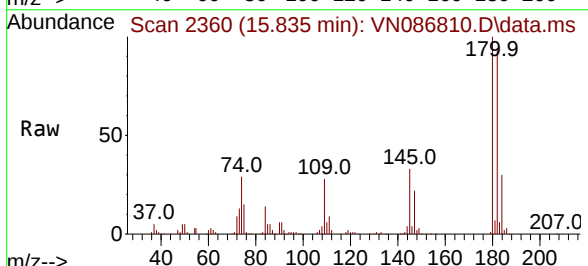
Tgt Ion:128 Resp: 1228424
Ion Ratio Lower Upper
128 100
127 12.6 9.8 14.6
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#92
1,2,3-Trichlorobenzene
Concen: 169.587 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32



Tgt Ion:180 Resp: 337470
Ion Ratio Lower Upper
180 100
182 94.8 0.0 195.4
145 33.8 0.0 70.0

