

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052925\
 Data File : VN086812.D
 Acq On : 29 May 2025 13:29
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN052925

Quant Time: May 30 02:27:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052925W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 30 02:22:52 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	39229	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	223703	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	197319	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	80793	29.975	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	99.933%		
60) 4-Bromofluorobenzene	12.847	95	92156	29.747	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	99.167%		
63) Toluene-d8	10.565	98	274925	30.356	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	101.200%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	52216	19.598	ug/l	100
3) Chloromethane	2.359	50	64948	18.906	ug/l	98
4) Vinyl Chloride	2.512	62	60309	19.077	ug/l	100
5) Bromomethane	2.965	94	32637	19.484	ug/l	97
6) Chloroethane	3.124	64	35780	18.505	ug/l	98
7) Trichlorofluoromethane	3.506	101	70164	18.950	ug/l	96
8) Diethyl Ether	3.959	74	29654	19.200	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	43379	19.116	ug/l	99
10) 1,1-Dichloroethene	4.342	96	44683	19.314	ug/l	95
11) Methyl Iodide	4.589	142	50913	18.669	ug/l	96
12) Methyl Acetate	5.018	43	46483	18.092	ug/l	94
13) Acrolein	4.177	56	26887	101.300	ug/l	99
14) Acrylonitrile	5.718	53	108321	90.599	ug/l	99
15) Acetone	4.424	58	33756	111.509	ug/l	89
16) Carbon Disulfide	4.712	76	130013	19.252	ug/l	99
17) Allyl chloride	5.024	41	65922	19.181	ug/l	98
18) Methylene Chloride	5.271	84	50544	18.813	ug/l	95
19) trans-1,2-Dichloroethene	5.783	96	46481	19.199	ug/l	85
20) Diisopropyl ether	6.671	45	144697	19.116	ug/l	100
21) 1,1-Dichloroethane	6.565	63	86115	18.851	ug/l	97
22) cis-1,2-Dichloroethene	7.483	96	55265	18.849	ug/l	99
23) tert-Butyl Alcohol	5.512	59	35103	91.427	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	145689	19.108	ug/l	98
25) Chloroform	7.965	83	83771	18.736	ug/l	98
26) Cyclohexane	8.259	56	74454	18.832	ug/l #	96
29) 1,1-Dichloropropene	8.371	75	61901	18.820	ug/l	100
30) 2-Butanone	7.483	43	139014	96.463	ug/l	98
31) 2,2-Dichloropropane	7.488	77	74345	19.149	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	72748	19.080	ug/l	98
33) Carbon Tetrachloride	8.359	117	61019	18.722	ug/l	95
34) Benzene	8.600	78	203797	19.043	ug/l	98
35) Methacrylonitrile	7.777	41	31328	18.924	ug/l	97
36) 1,2-Dichloroethane	8.665	62	59147	18.861	ug/l	100
37) Trichloroethene	9.347	130	54111	18.229	ug/l	96
38) Methylcyclohexane	9.600	83	71039	19.466	ug/l	98
39) 1,2-Dichloropropane	9.618	63	47976	18.621	ug/l	97
40) Dibromomethane	9.706	93	32186	19.100	ug/l	99
41) Bromodichloromethane	9.882	83	64799	18.370	ug/l	99
42) Vinyl Acetate	6.600	43	411482	97.955	ug/l	99

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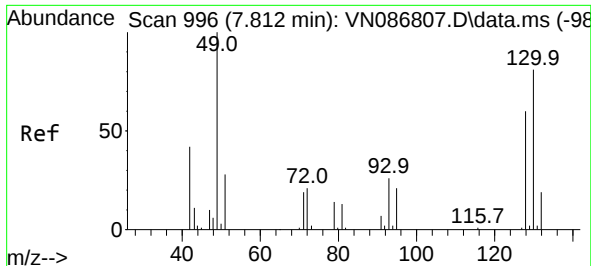
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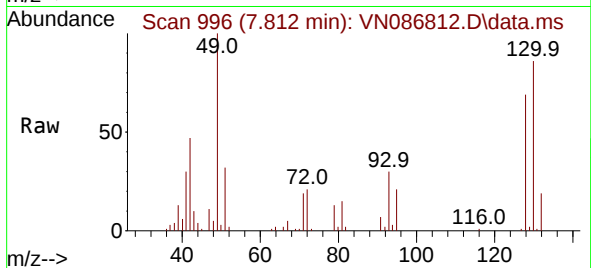
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43) Ethyl Acetate	7.559	43	53372m	18.099	ug/l	
44) Isopropyl Acetate	8.682	43	94672	18.715	ug/l	99
45) 1,4-Dioxane	9.694	88	16063	357.261	ug/l	99
46) Methyl methacrylate	9.677	41	43072	18.466	ug/l	97
47) n-amyl Acetate	12.488	43	74476	18.339	ug/l	99
48) t-1,3-Dichloropropene	10.835	75	71129	18.844	ug/l	100
49) cis-1,3-Dichloropropene	10.306	75	77974	18.781	ug/l	97
50) 1,1,2-Trichloroethane	11.012	97	44885	18.912	ug/l	98
51) Ethyl methacrylate	10.871	69	71146	18.509	ug/l	95
52) 1,3-Dichloropropane	11.159	76	78678	18.680	ug/l	99
53) Dibromochloromethane	11.359	129	48703	18.159	ug/l	99
54) 1,2-Dibromoethane	11.465	107	44297	18.259	ug/l	99
55) 2-Chloroethyl vinyl ether	10.159	63	167424	90.742	ug/l	100
56) Bromoform	12.576	173	30533	18.068	ug/l	98
58) 4-Methyl-2-Pentanone	10.441	43	275494	95.151	ug/l	99
59) 2-Hexanone	11.194	43	200674	96.760	ug/l	100
61) Tetrachloroethene	11.100	164	63359	19.102	ug/l	93
62) Toluene	10.629	91	215673	19.407	ug/l	100
64) Chlorobenzene	11.888	112	135267	19.086	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.959	131	43620	18.735	ug/l	99
66) Ethyl Benzene	11.959	91	226179	18.817	ug/l	97
67) m/p-Xylenes	12.070	106	180739	38.318	ug/l	98
68) o-Xylene	12.394	106	86496	18.922	ug/l	98
69) Styrene	12.406	104	141215	18.542	ug/l	99
70) Isopropylbenzene	12.694	105	207175	19.055	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.935	83	50479	19.528	ug/l	98
72) 1,2,3-Trichloropropane	12.988	75	48037m	15.856	ug/l	
73) Bromobenzene	12.976	156	50227	18.586	ug/l	98
74) n-propylbenzene	13.035	91	242286	18.813	ug/l	100
75) 2-Chlorotoluene	13.123	91	154366	18.675	ug/l	98
76) 1,3,5-Trimethylbenzene	13.170	105	171325	18.942	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	21596	17.419	ug/l	95
78) 4-Chlorotoluene	13.217	91	155978	19.049	ug/l	99
79) tert-butylbenzene	13.435	119	145783	18.642	ug/l	98
80) 1,2,4-Trimethylbenzene	13.476	105	170675	18.799	ug/l	99
81) sec-Butylbenzene	13.612	105	202713	19.027	ug/l	100
82) p-Isopropyltoluene	13.723	119	167950	18.774	ug/l	99
83) 1,3-Dichlorobenzene	13.729	146	94570	19.076	ug/l	96
84) 1,4-Dichlorobenzene	13.806	146	91755	18.598	ug/l	98
85) n-Butylbenzene	14.053	91	138182	18.451	ug/l	99
86) Hexachloroethane	14.329	117	27843	18.262	ug/l	99
87) 1,2-Dichlorobenzene	14.106	146	91269	19.085	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.717	75	9928	18.238	ug/l	98
89) 1,2,4-Trichlorobenzene	15.835	180	38298	19.135	ug/l	96
90) Hexachlorobutadiene	15.494	225	17847	20.805	ug/l	97
91) Naphthalene	15.635	128	127910	18.317	ug/l	99
92) 1,2,3-Trichlorobenzene	15.835	180	38298	19.135	ug/l	96

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

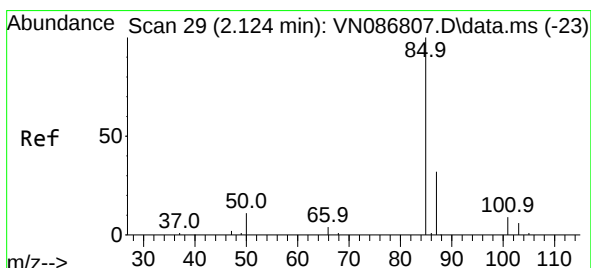
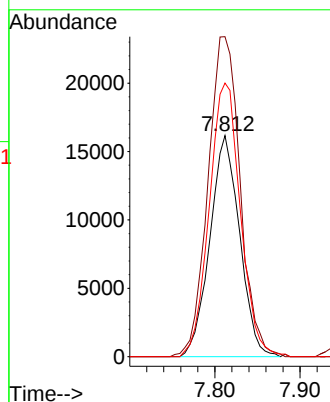
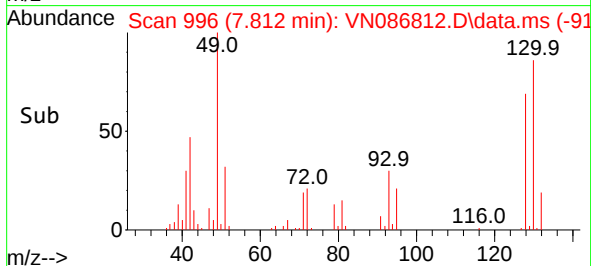
Instrument :
MSVOA_N
ClientSampleId :
ICV052925



Tgt Ion:128 Resp: 39229
Ion Ratio Lower Upper
128 100
49 156.5 0.0 404.5
130 129.9 0.0 322.2

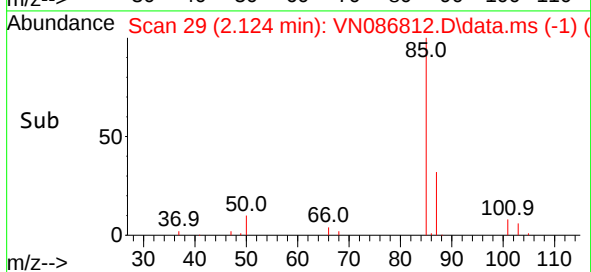
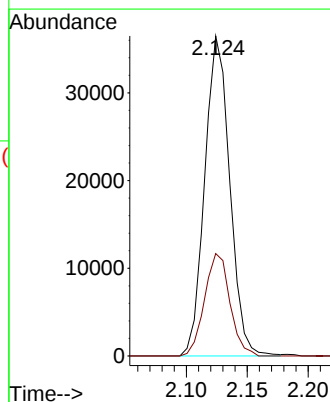
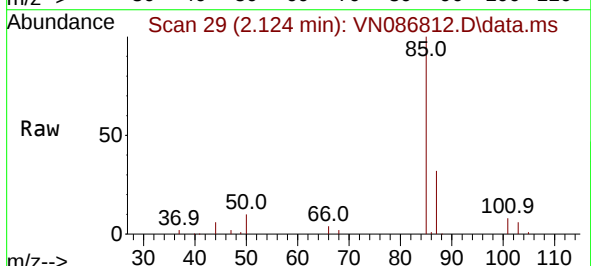
Manual Integrations
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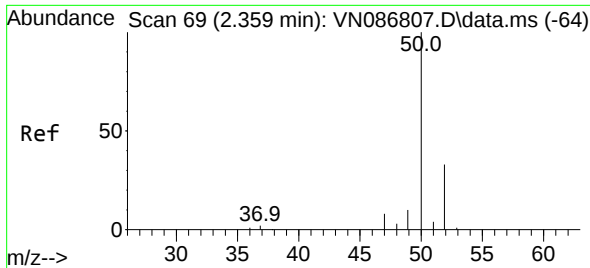
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#2
Dichlorodifluoromethane
Concen: 19.598 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion: 85 Resp: 52216
Ion Ratio Lower Upper
85 100
87 32.0 15.9 47.7





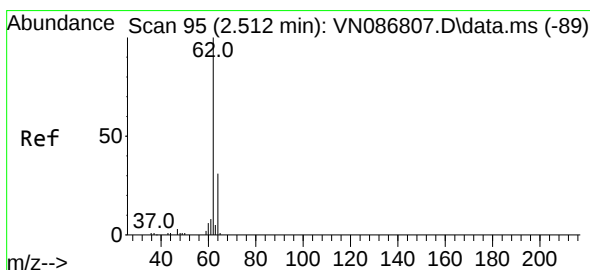
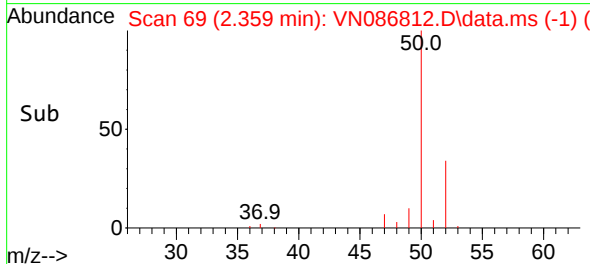
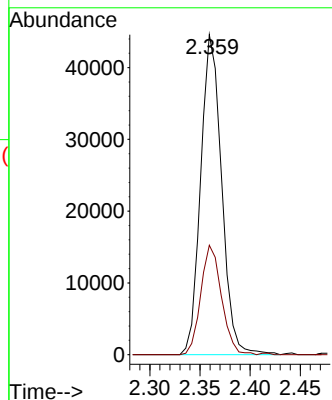
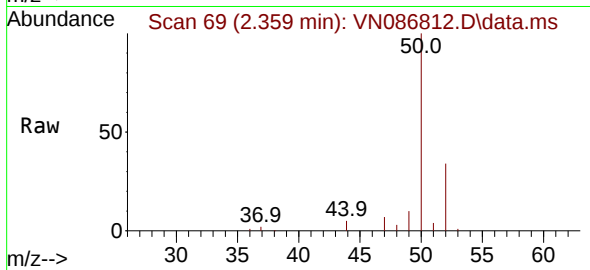
#3
Chloromethane
Concen: 18.906 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Instrument :
MSVOA_N
ClientSampleId :
ICVVN052925

Tgt Ion: 50 Resp: 64948
Ion Ratio Lower Upper
50 100
52 34.2 26.6 40.0

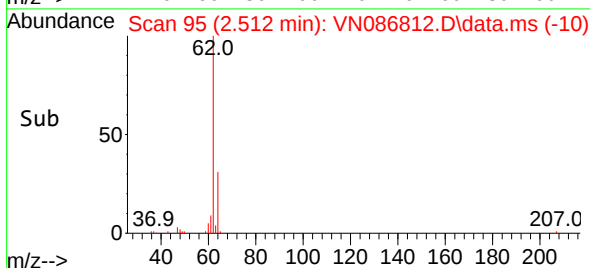
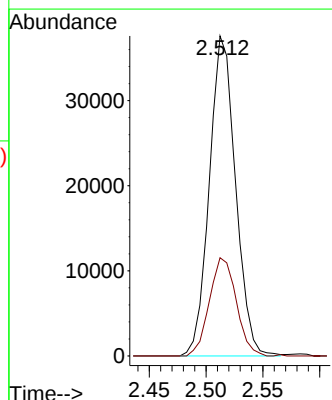
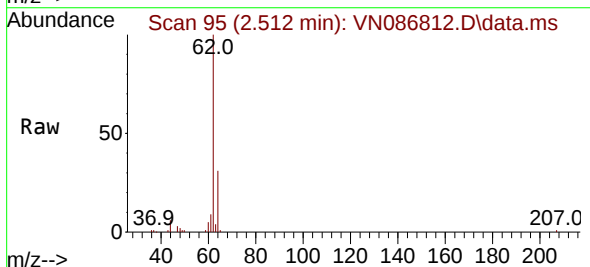
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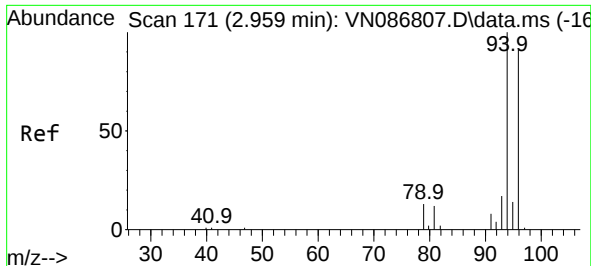
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#4
Vinyl Chloride
Concen: 19.077 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

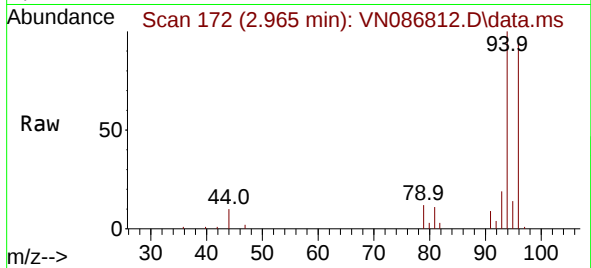
Tgt Ion: 62 Resp: 60309
Ion Ratio Lower Upper
62 100
64 30.7 24.6 36.8





#5
Bromomethane
Concen: 19.484 ug/l
RT: 2.965 min Scan# 171
Delta R.T. 0.006 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

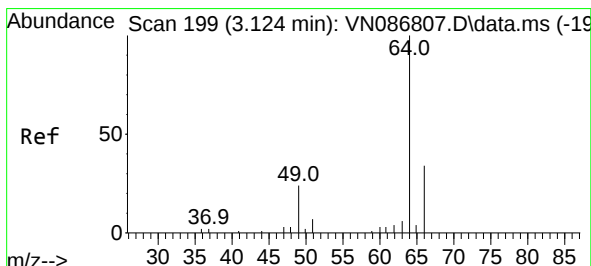
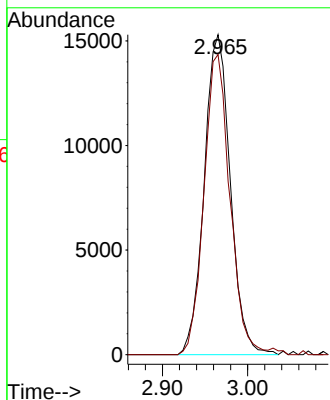
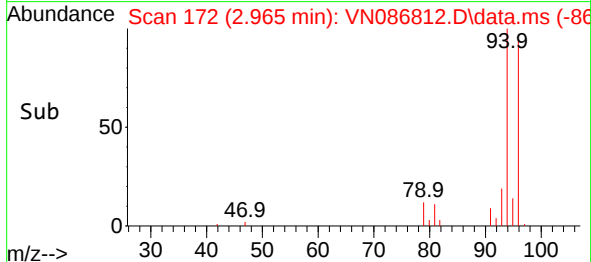
Instrument :
MSVOA_N
ClientSampleId :
ICVVN052925



Tgt Ion: 94 Resp: 3263
Ion Ratio Lower Upper
94 100
96 93.8 72.7 109.1

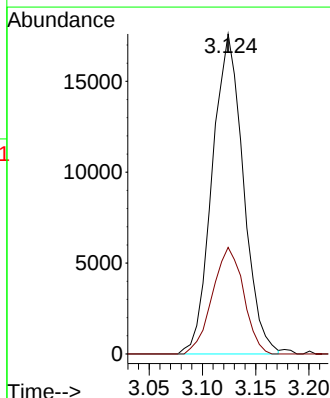
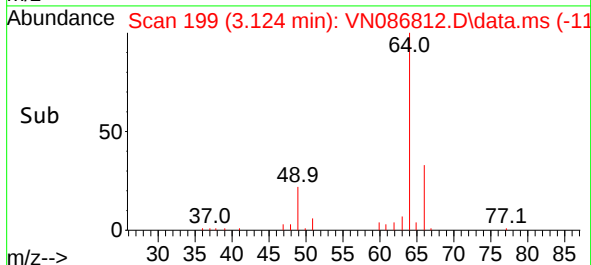
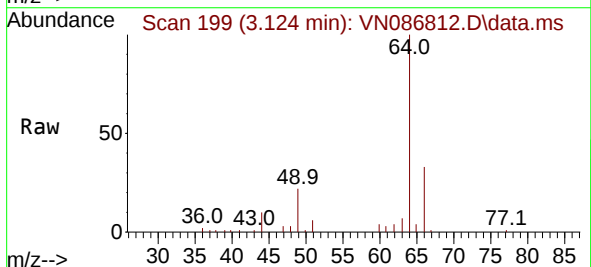
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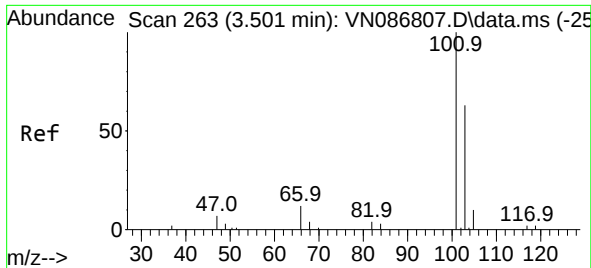
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#6
Chloroethane
Concen: 18.505 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion: 64 Resp: 35780
Ion Ratio Lower Upper
64 100
66 33.3 27.5 41.3





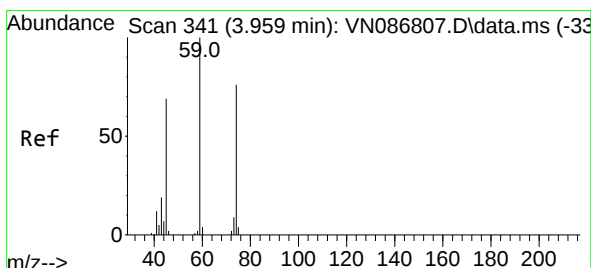
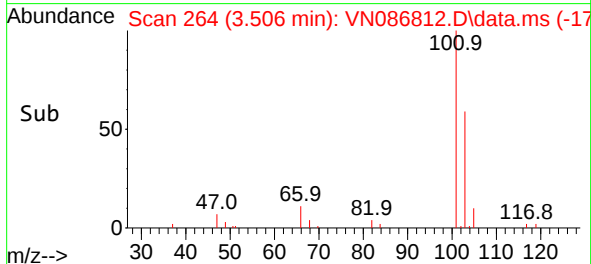
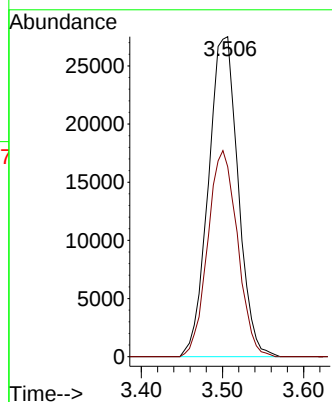
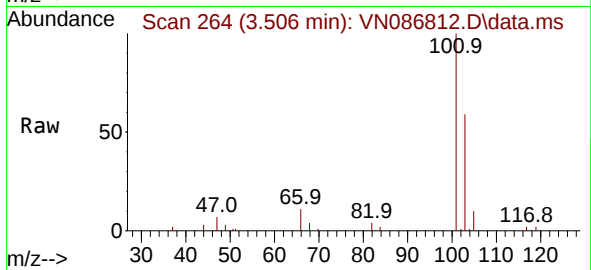
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Trichlorofluoromethane
Concen: 18.950 ug/l
RT: 3.506 min Scan# 264
Delta R.T. 0.006 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Instrument :
MSVOA_N
ClientSampleId :
ICVVN052925

Tgt Ion:101 Resp: 70164
Ion Ratio Lower Upper
101 100
103 59.4 50.0 75.0

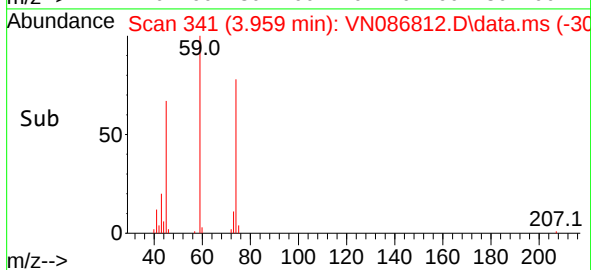
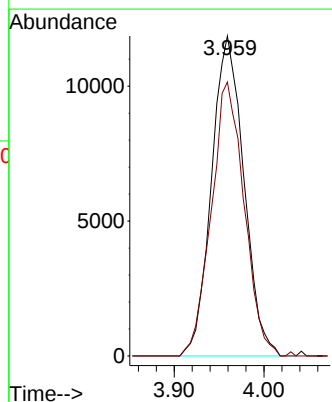
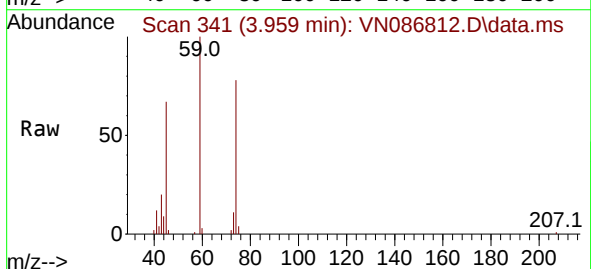
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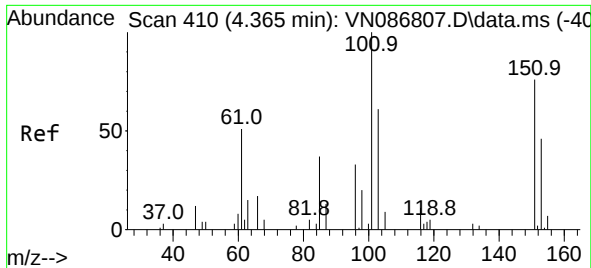
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#8
Diethyl Ether
Concen: 19.200 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion: 74 Resp: 29654
Ion Ratio Lower Upper
74 100
45 86.9 17.9 161.5





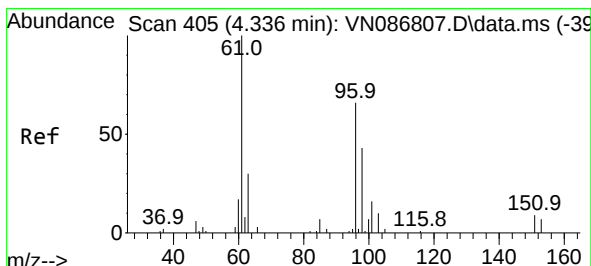
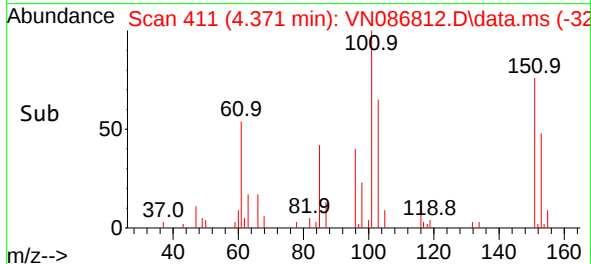
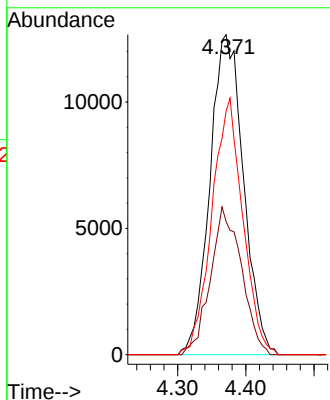
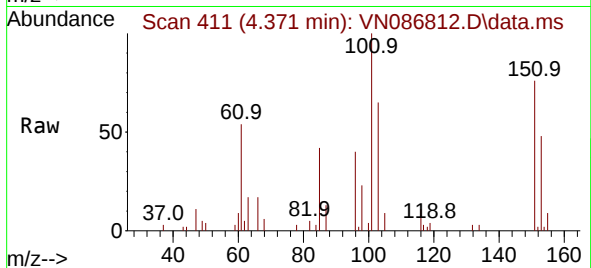
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.116 ug/l
 RT: 4.371 min Scan# 411
 Delta R.T. 0.006 min
 Lab File: VN086812.D
 Acq: 29 May 2025 13:29

Instrument :
 MSVOA_N
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 ICVVN052925

Tgt Ion:101 Resp: 43379
 Ion Ratio Lower Upper
 101 100
 85 42.8 0.0 83.2
 151 73.5 0.0 145.6

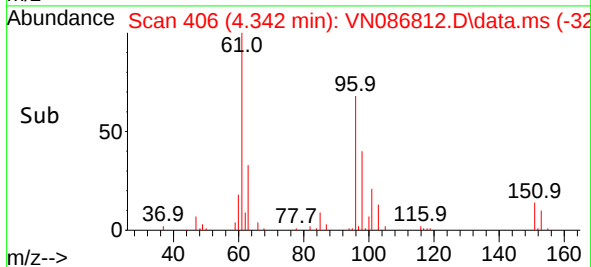
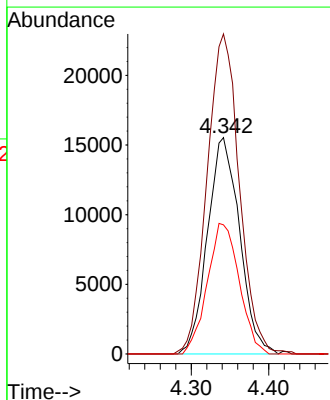
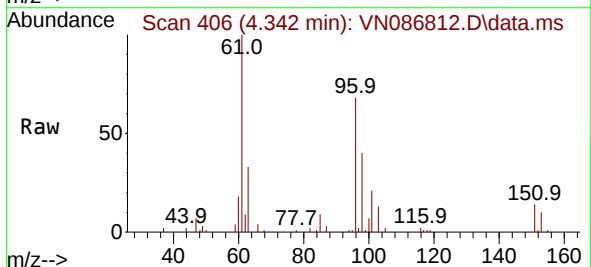
Manual Integrations
 APPROVED

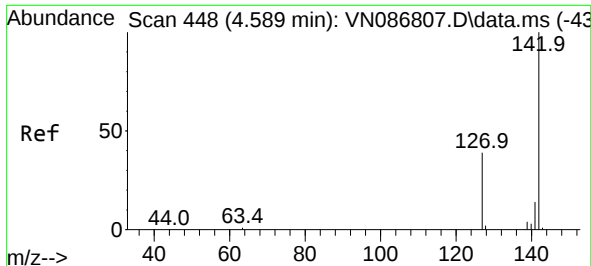
Reviewed By :John Carlone 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025



#10
 1,1-Dichloroethene
 Concen: 19.314 ug/l
 RT: 4.342 min Scan# 406
 Delta R.T. 0.006 min
 Lab File: VN086812.D
 Acq: 29 May 2025 13:29

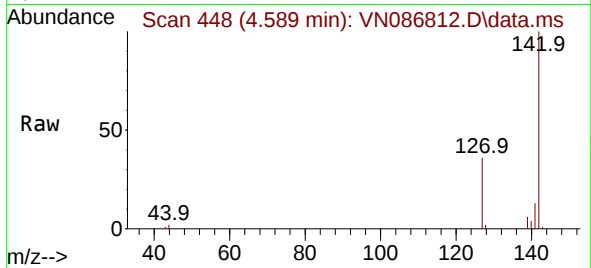
Tgt Ion: 96 Resp: 44683
 Ion Ratio Lower Upper
 96 100
 61 146.6 121.7 182.5
 98 59.7 51.9 77.9





#11
Methyl Iodide
Concen: 18.669 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

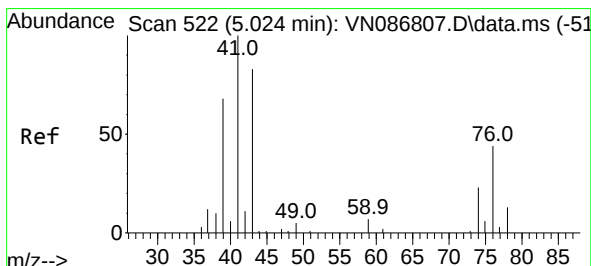
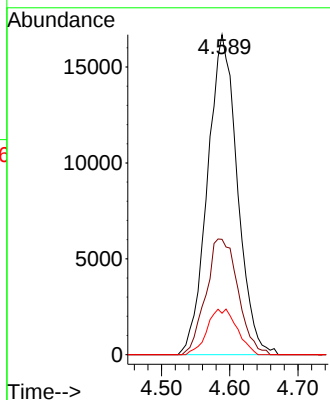
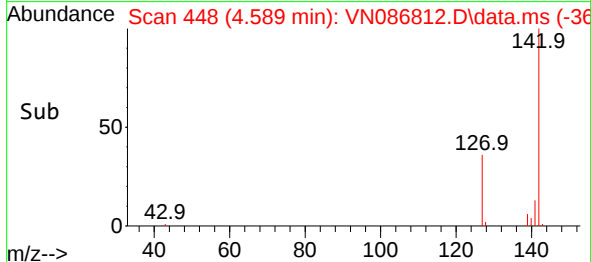
Instrument :
MSVOA_N
Client Sample Id :
ICVVN052925



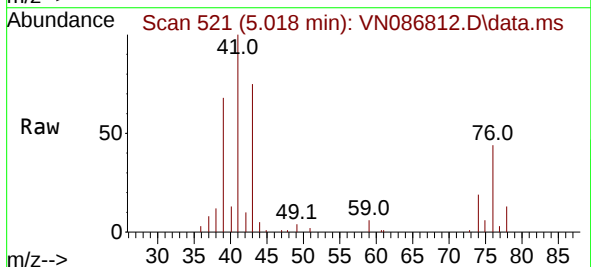
Tgt Ion: 142 Resp: 5091
Ion Ratio Lower Upper
142 100
127 36.0 19.5 58.5
141 12.9 7.1 21.4

Manual Integrations
APPROVED

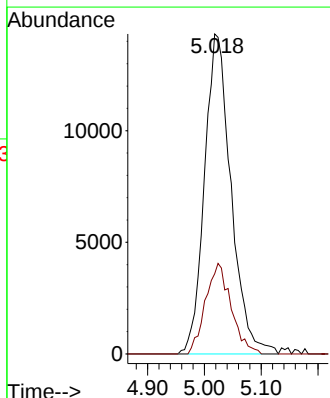
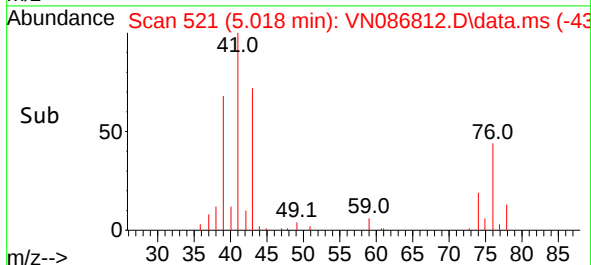
Reviewed By : John Carlone 05/30/2025
Supervised By : Mahesh Dadoda 05/30/2025

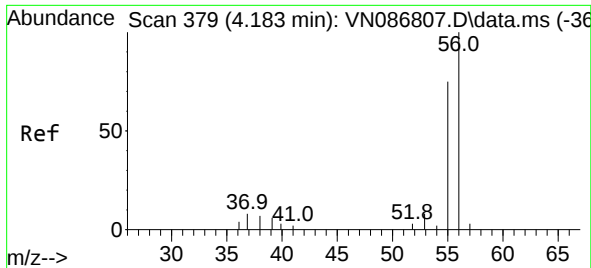


#12
Methyl Acetate
Concen: 18.092 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29



Tgt Ion: 43 Resp: 46483
Ion Ratio Lower Upper
43 100
74 25.0 22.7 34.1





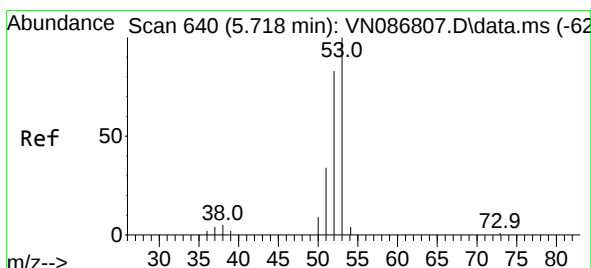
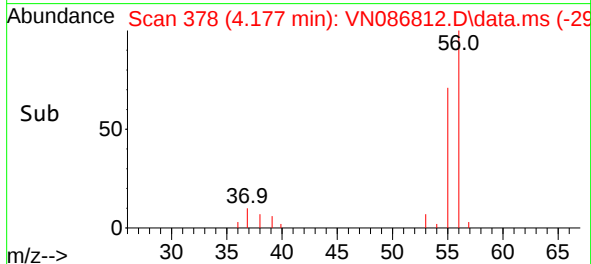
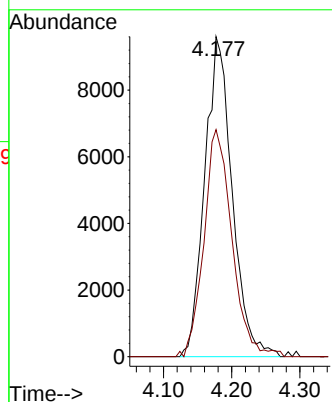
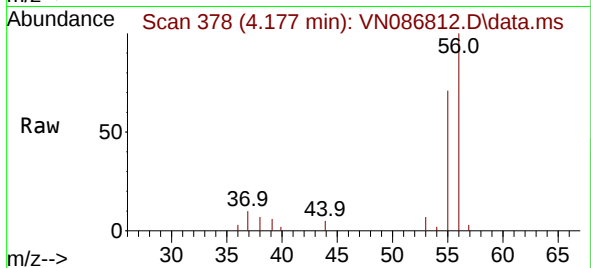
#13
Acrolein
Concen: 101.300 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Instrument :
MSVOA_N
ClientSampleId :
ICVVN052925

Tgt Ion: 56 Resp: 2688
Ion Ratio Lower Upper
56 100
55 71.1 55.9 83.9

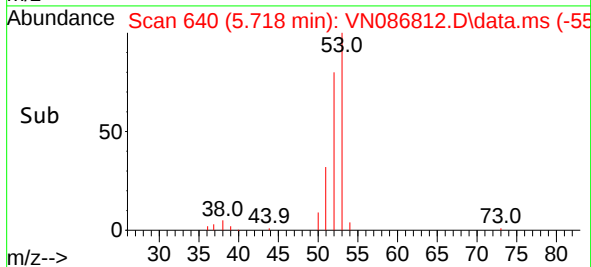
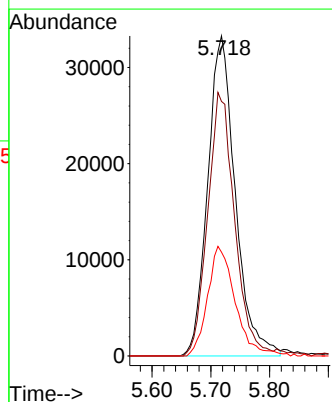
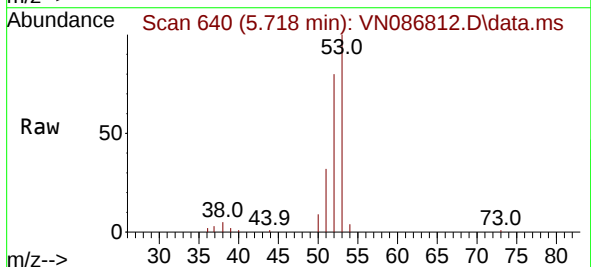
Manual Integrations
APPROVED

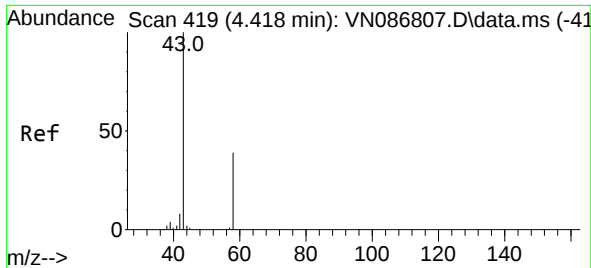
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#14
Acrylonitrile
Concen: 90.599 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion: 53 Resp: 108321
Ion Ratio Lower Upper
53 100
52 80.1 40.0 119.9
51 34.3 17.5 52.6





#15

Acetone

Concen: 111.509 ug/l

RT: 4.424 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN086812.D

Acq: 29 May 2025 13:29

Instrument :

MSVOA_N

ClientSampleId :

ICVVN052925

Tgt Ion: 58 Resp: 33750

Ion Ratio Lower Upper

58 100

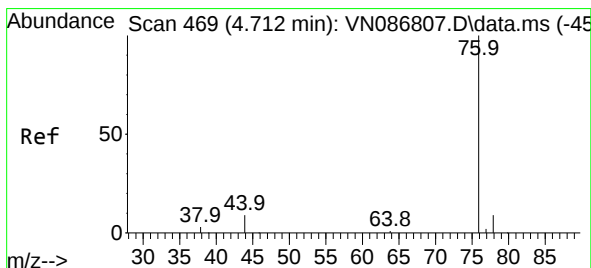
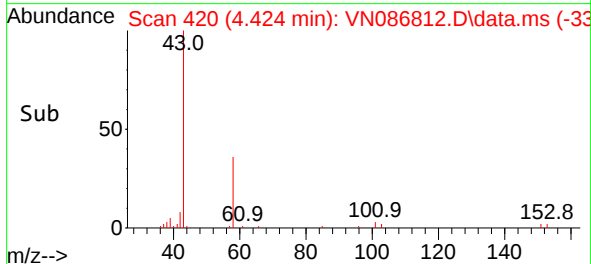
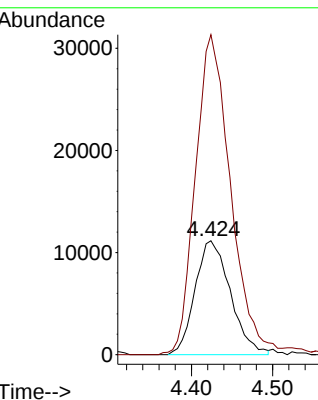
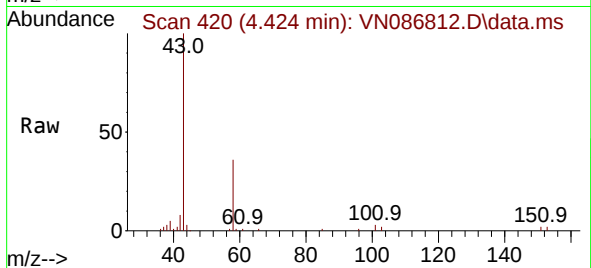
43 278.9 207.7 311.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2025

Supervised By :Mahesh Dadoda 05/30/2025



#16

Carbon Disulfide

Concen: 19.252 ug/l

RT: 4.712 min Scan# 469

Delta R.T. -0.000 min

Lab File: VN086812.D

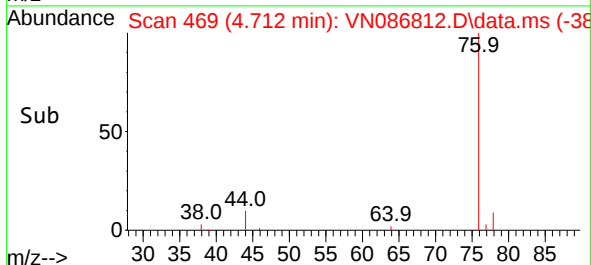
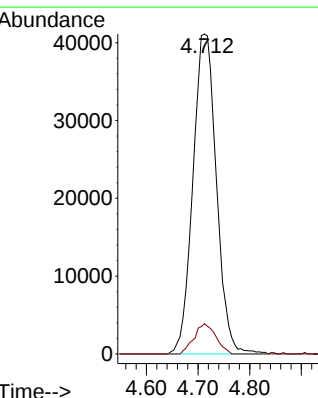
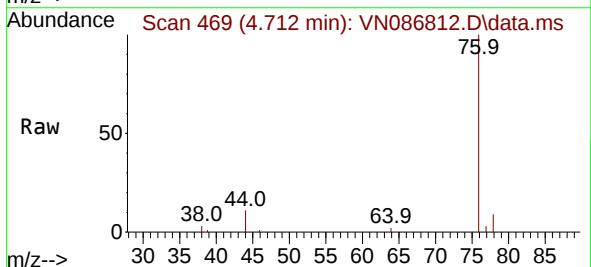
Acq: 29 May 2025 13:29

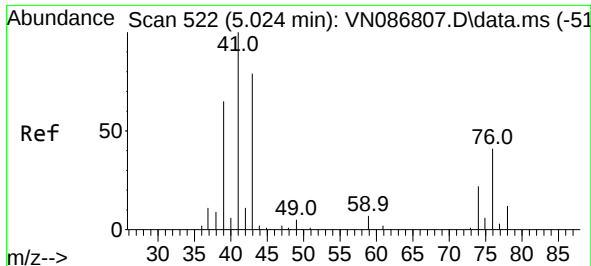
Tgt Ion: 76 Resp: 130013

Ion Ratio Lower Upper

76 100

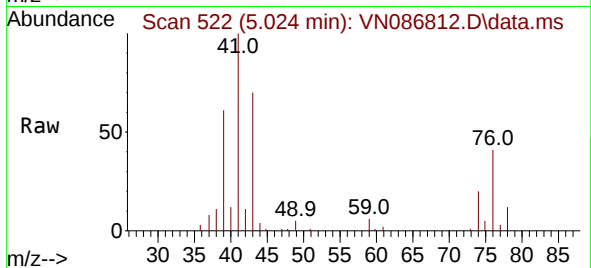
78 9.4 7.2 10.8





#17
 Allyl chloride
 Concen: 19.181 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN086812.D
 Acq: 29 May 2025 13:29

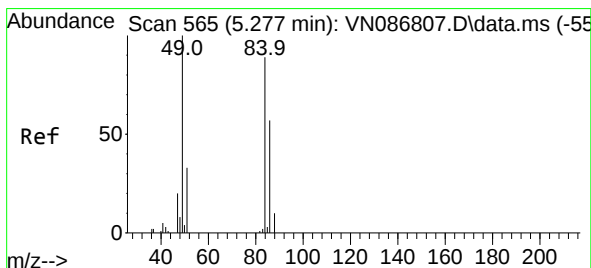
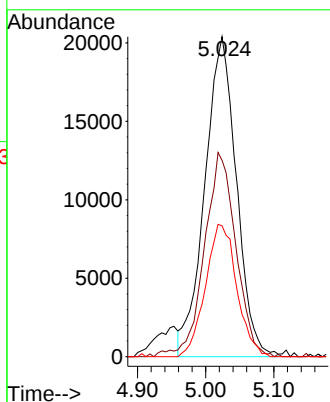
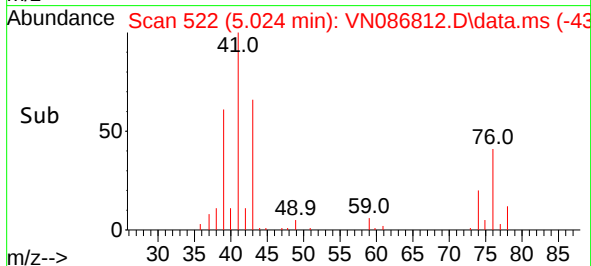
Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN052925



Tgt Ion: 41 Resp: 6592
 Ion Ratio Lower Upper
 41 100
 39 61.1 31.6 94.8
 76 41.2 20.1 60.2

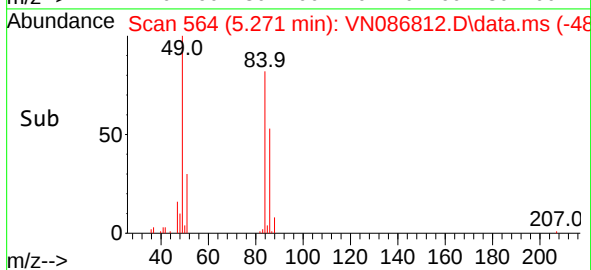
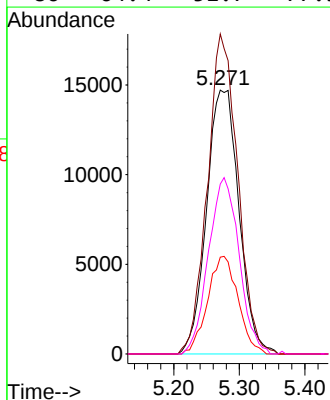
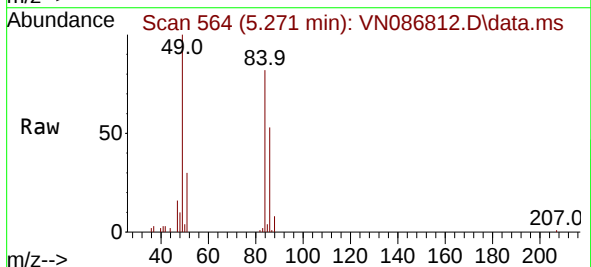
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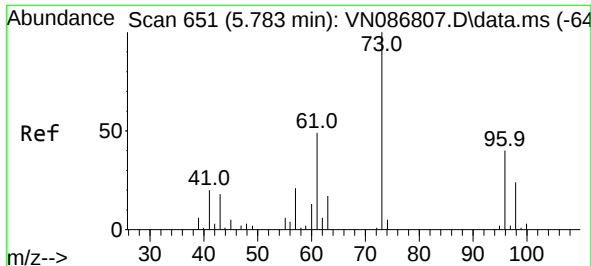
Reviewed By :John Carlone 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025



#18
 Methylene Chloride
 Concen: 18.813 ug/l
 RT: 5.271 min Scan# 564
 Delta R.T. -0.006 min
 Lab File: VN086812.D
 Acq: 29 May 2025 13:29

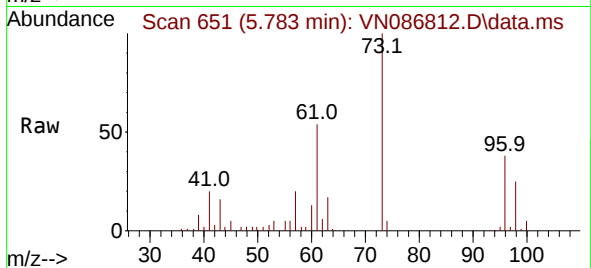
Tgt Ion: 84 Resp: 50544
 Ion Ratio Lower Upper
 84 100
 49 121.3 89.9 134.9
 51 36.7 29.6 44.4
 86 64.4 51.7 77.5





#19
trans-1,2-Dichloroethene
Concen: 19.199 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

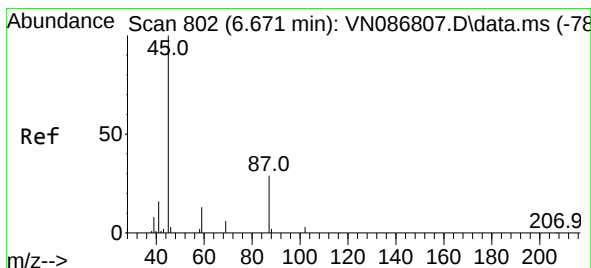
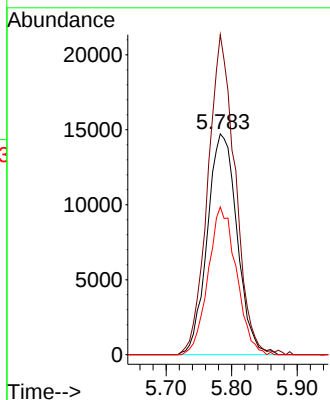
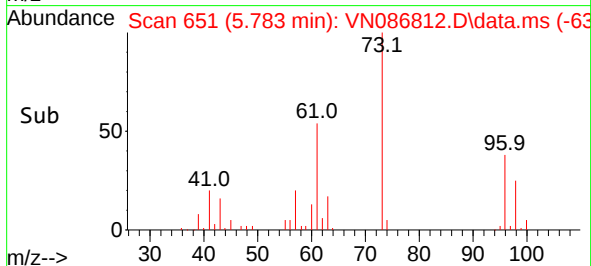
Instrument :
MSVOA_N
ClientSampleId :
ICVVN052925



Tgt Ion: 96 Resp: 4648
Ion Ratio Lower Upper
96 100
61 145.0 98.9 148.3
98 66.9 49.0 73.4

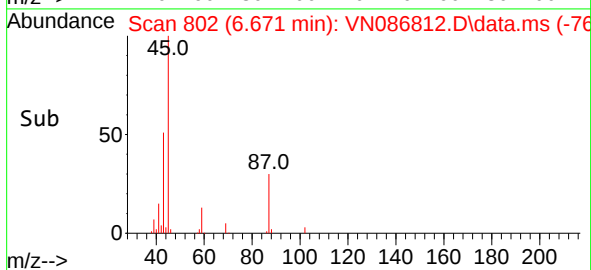
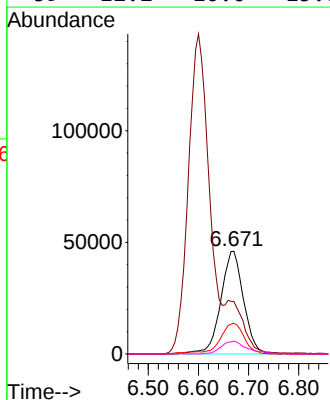
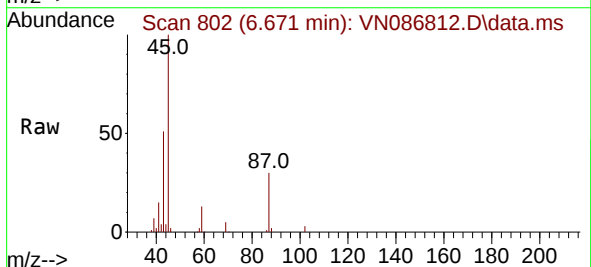
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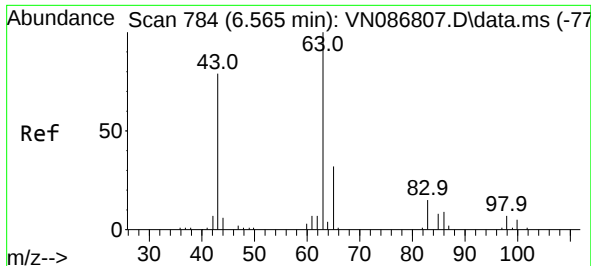
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#20
Diisopropyl ether
Concen: 19.116 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion: 45 Resp: 144697
Ion Ratio Lower Upper
45 100
43 50.1 40.3 60.5
87 29.9 24.1 36.1
59 12.2 10.0 15.0





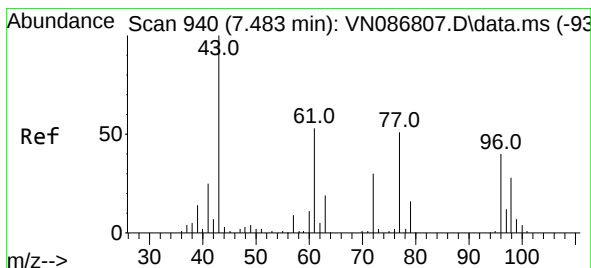
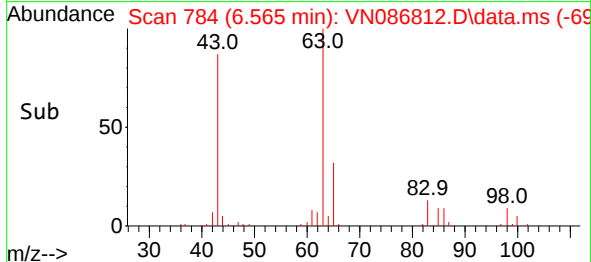
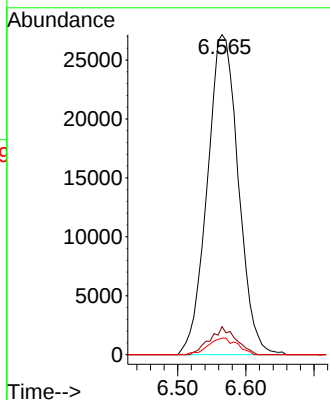
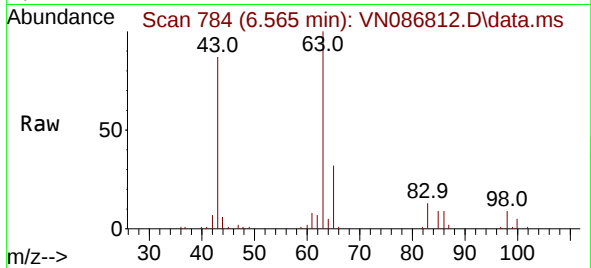
#21
1,1-Dichloroethane
Concen: 18.851 ug/l
RT: 6.565 min Scan# 784
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Instrument :
MSVOA_N
ClientSampleId :
ICVVN052925

Tgt Ion: 63 Resp: 8611
Ion Ratio Lower Upper
63 100
98 8.8 3.8 11.2
100 5.1 2.3 6.8

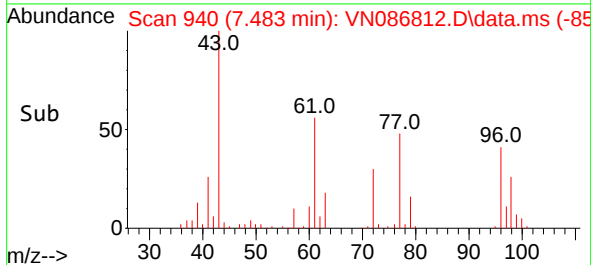
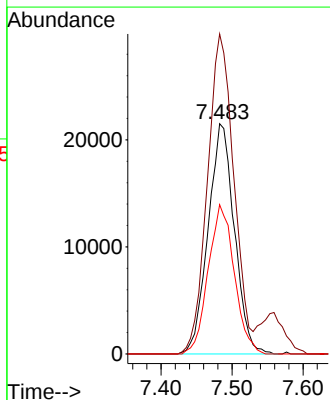
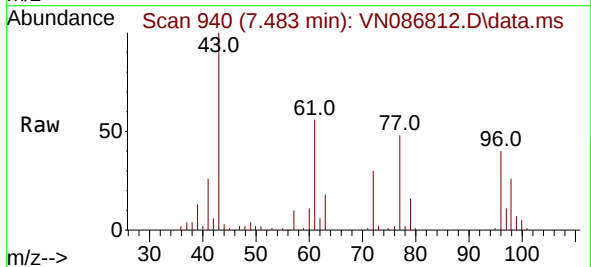
Manual Integrations
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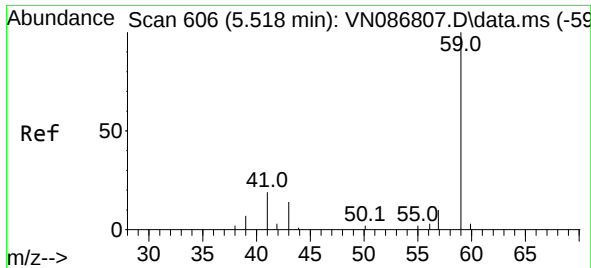
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#22
cis-1,2-Dichloroethene
Concen: 18.849 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

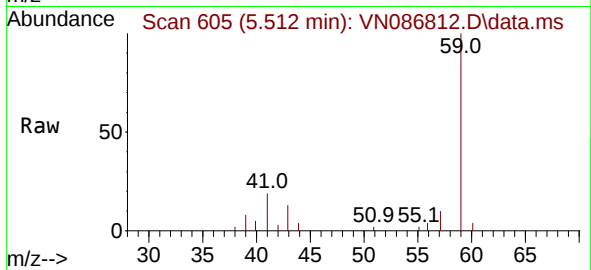
Tgt Ion: 96 Resp: 55265
Ion Ratio Lower Upper
96 100
61 140.0 110.7 166.1
98 64.3 51.8 77.8





#23
tert-Butyl Alcohol
Concen: 91.427 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.006 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

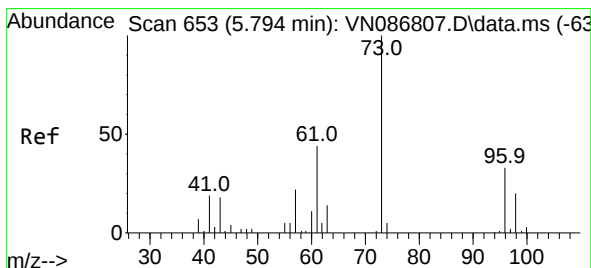
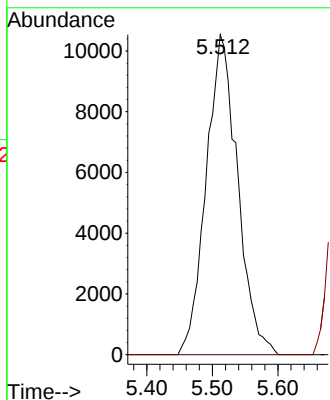
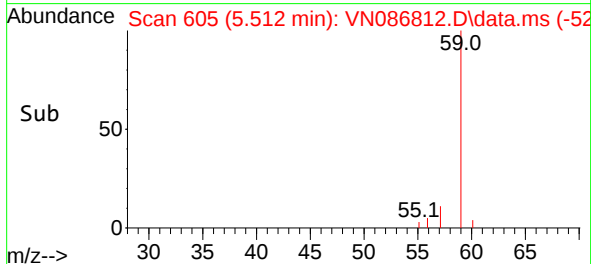
Instrument :
MSVOA_N
ClientSampleId :
ICVVN052925



Tgt Ion: 59 Resp: 3510
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

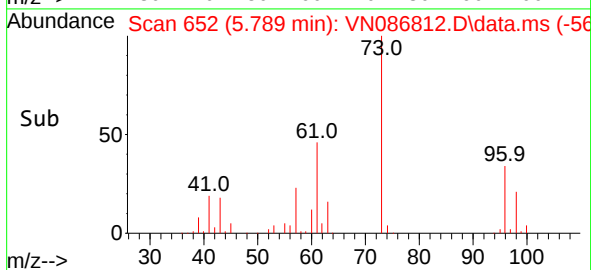
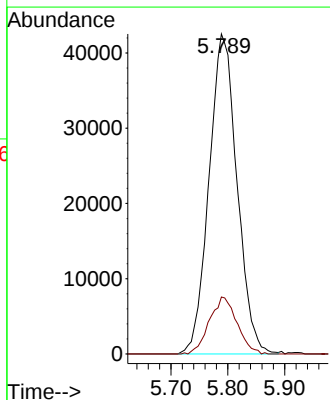
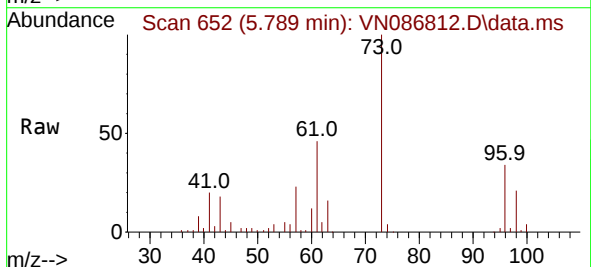
Manual Integrations
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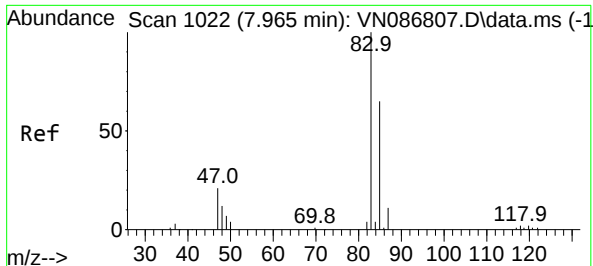
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#24
Methyl tert-Butyl Ether
Concen: 19.108 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.006 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion: 73 Resp: 145689
Ion Ratio Lower Upper
73 100
43 17.4 14.6 22.0





#25

Chloroform

Concen: 18.736 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN086812.D

Acq: 29 May 2025 13:29

Instrument :

MSVOA_N

ClientSampleId :

ICVVN052925

Tgt Ion: 83 Resp: 8377

Ion Ratio Lower Upper

83 100

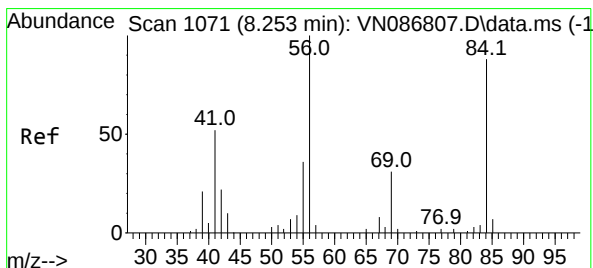
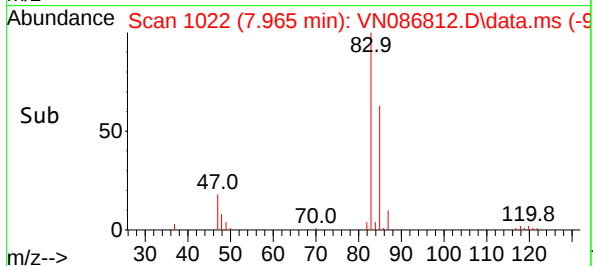
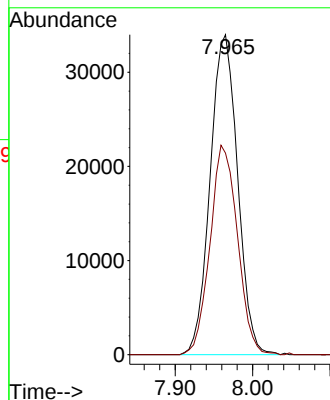
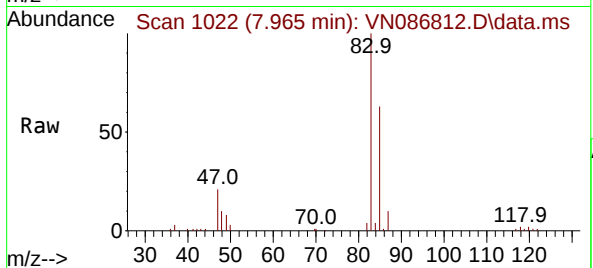
85 63.0 51.8 77.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2025

Supervised By :Mahesh Dadoda 05/30/2025



#26

Cyclohexane

Concen: 18.832 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.006 min

Lab File: VN086812.D

Acq: 29 May 2025 13:29

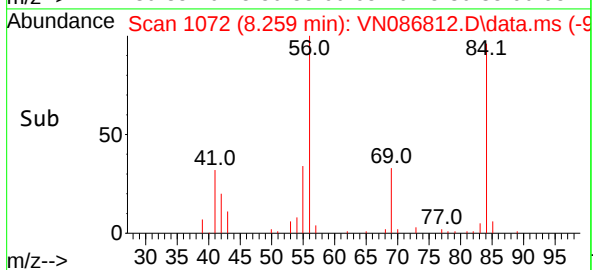
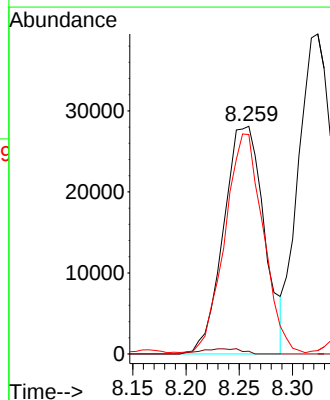
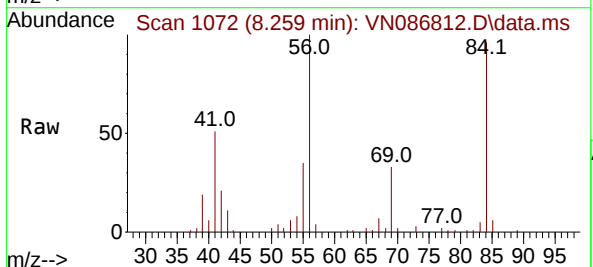
Tgt Ion: 56 Resp: 74454

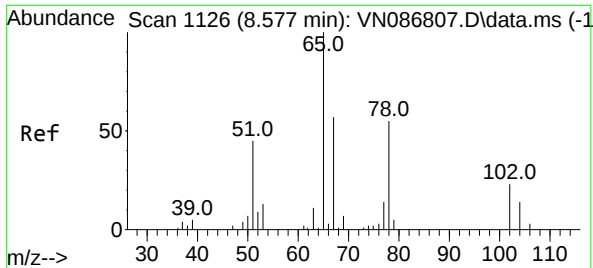
Ion Ratio Lower Upper

56 100

89 1.7 0.0 0.0#

84 91.6 70.4 105.6





#27
1,2-Dichloroethane-d4
Concen: 29.975 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Instrument :

MSVOA_N

ClientSampleId :

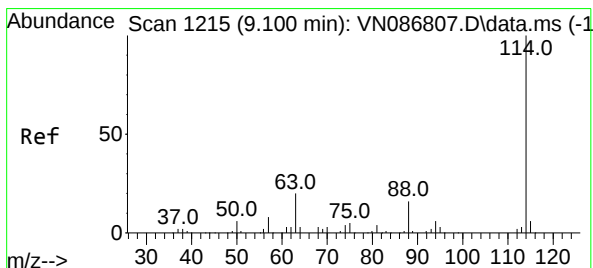
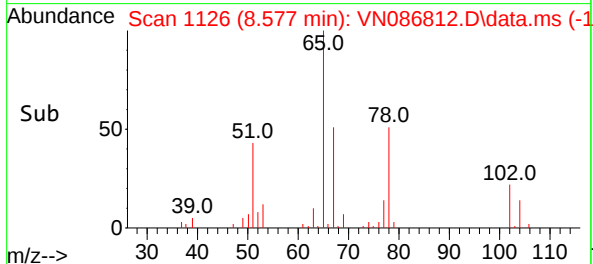
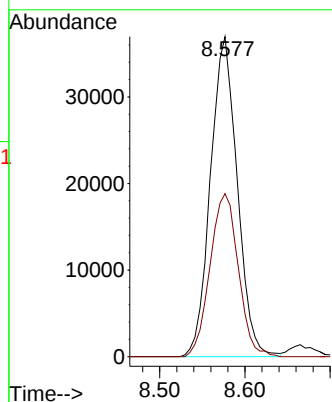
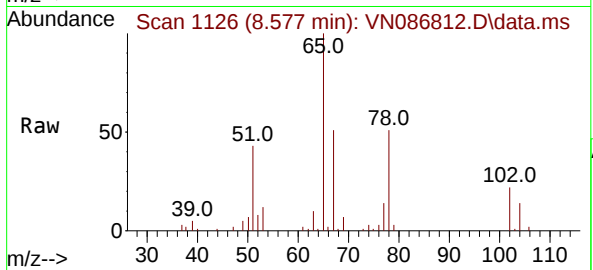
ICVVN052925

Tgt Ion: 65 Resp: 80793
Ion Ratio Lower Upper
65 100
67 53.6 44.6 67.0

Manual Integrations

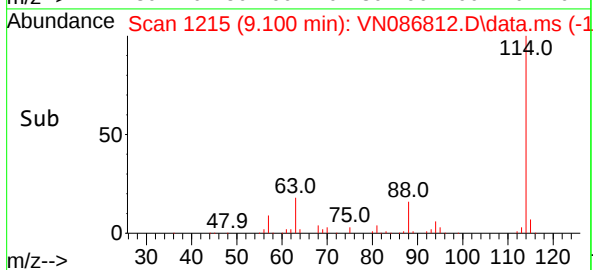
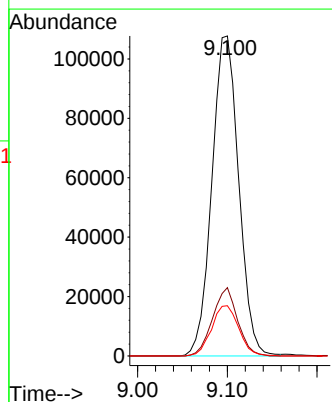
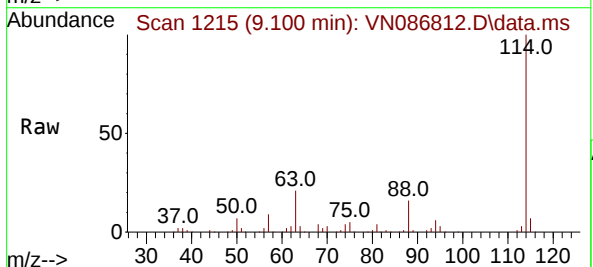
APPROVED

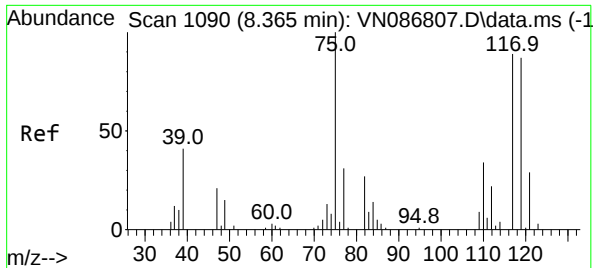
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion:114 Resp: 223703
Ion Ratio Lower Upper
114 100
63 19.8 15.8 23.8
88 15.9 12.9 19.3





#29
1,1-Dichloropropene
Concen: 18.820 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Instrument :

MSVOA_N

ClientSampleId :

ICVVN052925

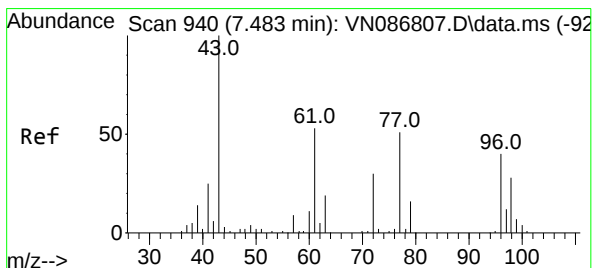
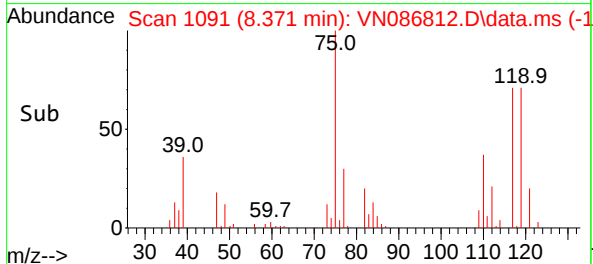
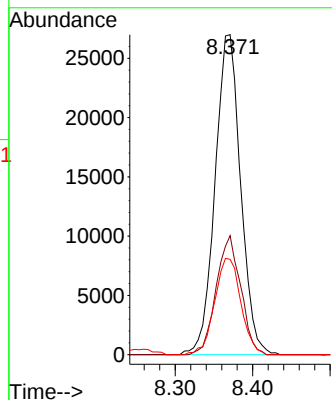
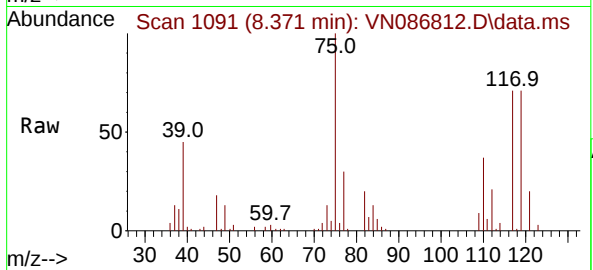
Tgt Ion: 75 Resp: 6190
Ion Ratio Lower Upper
75 100
110 35.5 0.0 71.0
77 30.9 0.0 62.4

Manual Integrations

APPROVED

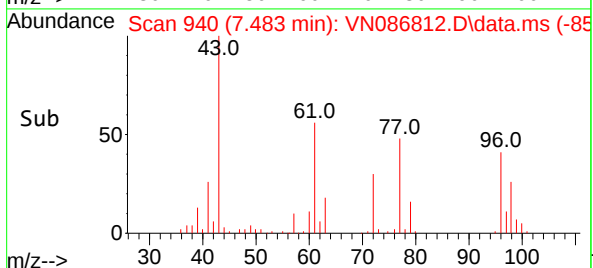
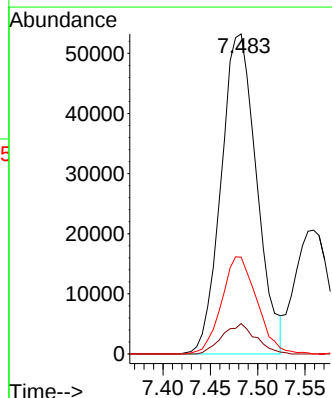
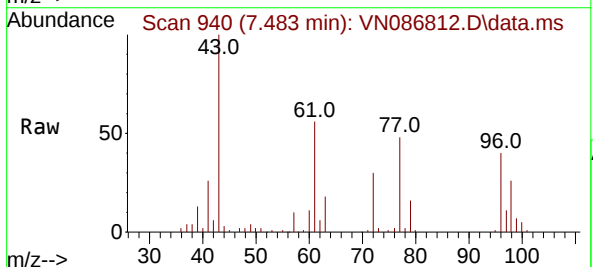
Reviewed By :John Carlone 05/30/2025

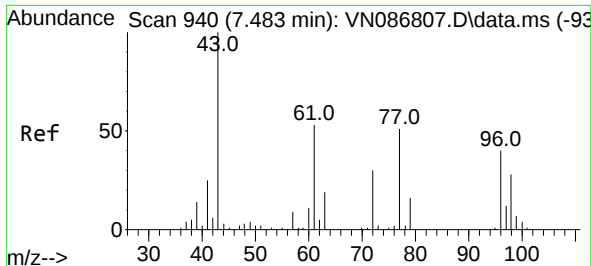
Supervised By :Mahesh Dadoda 05/30/2025



#30
2-Butanone
Concen: 96.463 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion: 43 Resp: 139014
Ion Ratio Lower Upper
43 100
57 9.0 6.8 10.2
72 30.1 23.4 35.0





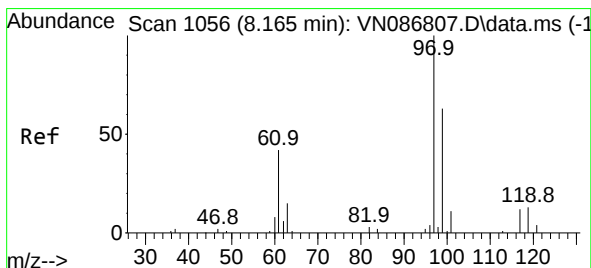
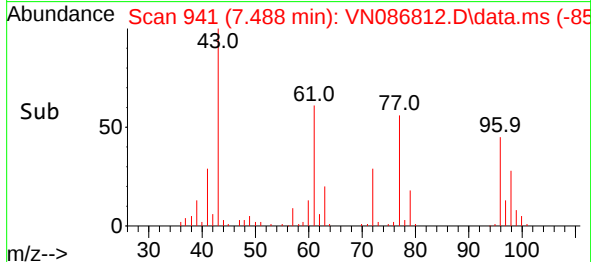
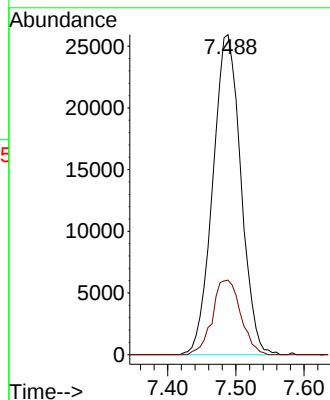
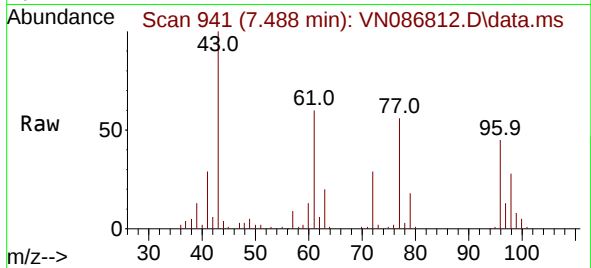
#31
2,2-Dichloropropane
Concen: 19.149 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Instrument :
MSVOA_N
ClientSampleId :
ICVVN052925

Tgt Ion: 77 Resp: 7434
Ion Ratio Lower Upper
77 100
97 23.5 18.6 27.8

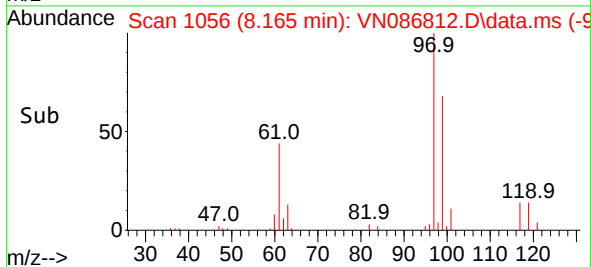
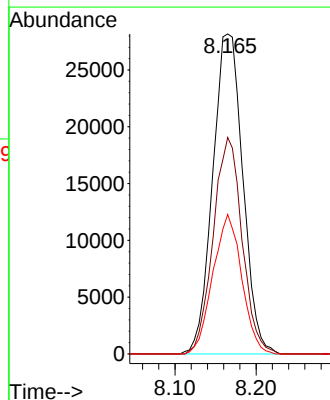
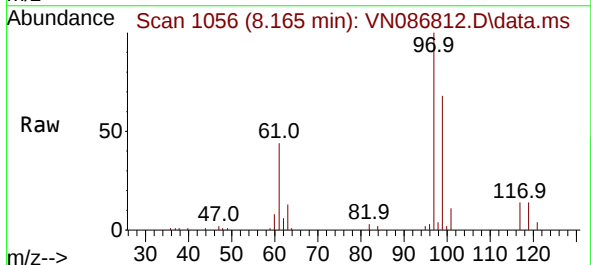
Manual Integrations
APPROVED

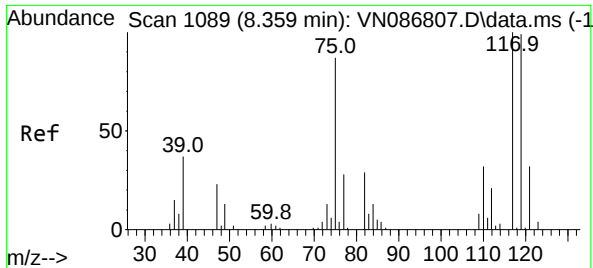
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#32
1,1,1-Trichloroethane
Concen: 19.080 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

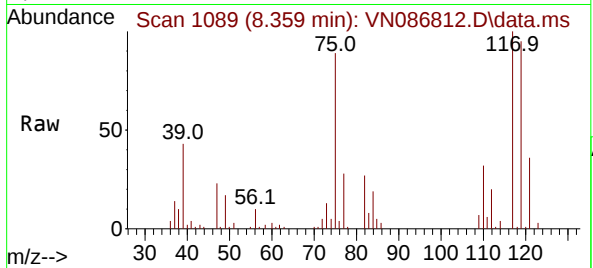
Tgt Ion: 97 Resp: 72748
Ion Ratio Lower Upper
97 100
99 64.8 51.7 77.5
61 41.8 35.4 53.2





#33
Carbon Tetrachloride
Concen: 18.722 ug/l
RT: 8.359 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

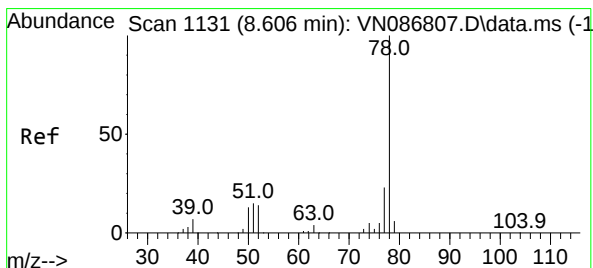
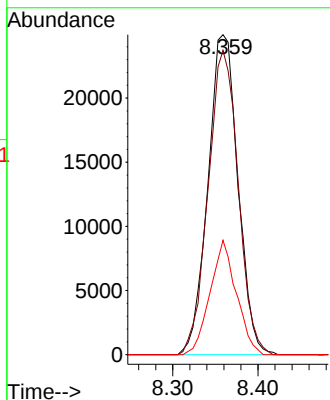
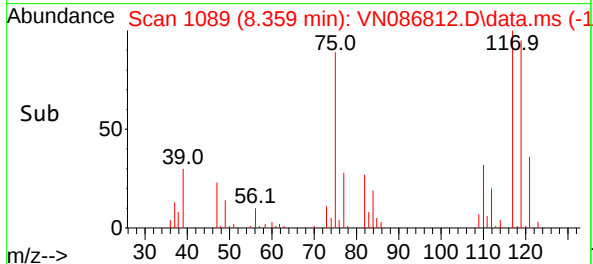
Instrument :
MSVOA_N
ClientSampleId :
ICVVN052925



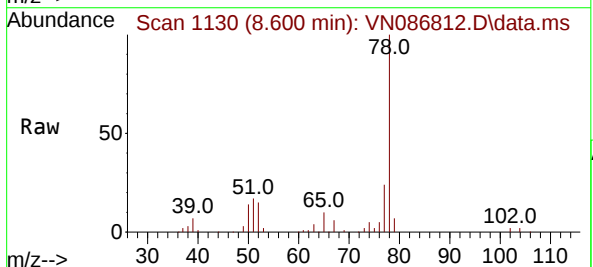
Tgt Ion:117 Resp: 61019
Ion Ratio Lower Upper
117 100
119 95.1 79.2 118.8
121 35.7 25.6 38.4

Manual Integrations
APPROVED

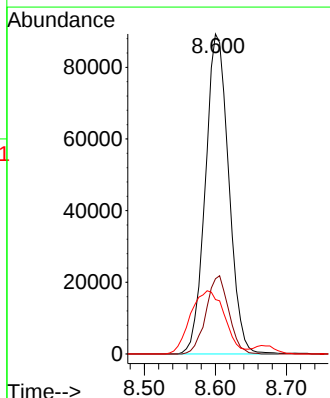
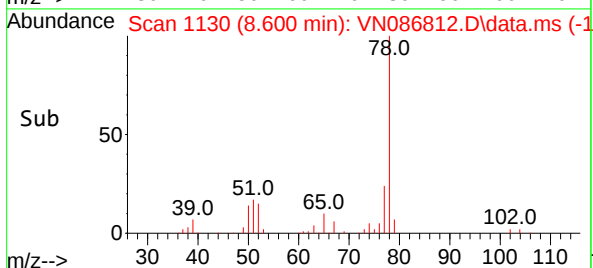
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

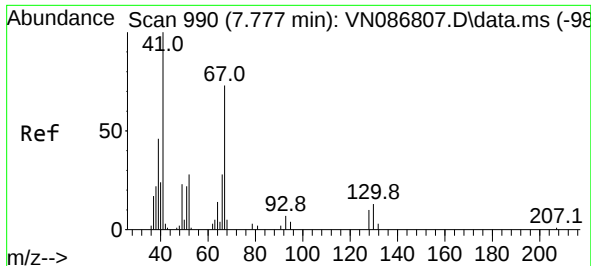


#34
Benzene
Concen: 19.043 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29



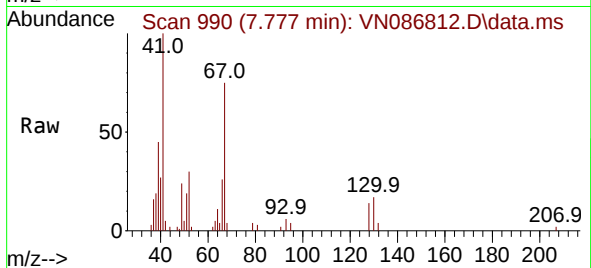
Tgt Ion: 78 Resp: 203797
Ion Ratio Lower Upper
78 100
77 23.5 18.2 27.2
51 16.0 11.9 17.9





#35
Methacrylonitrile
Concen: 18.924 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

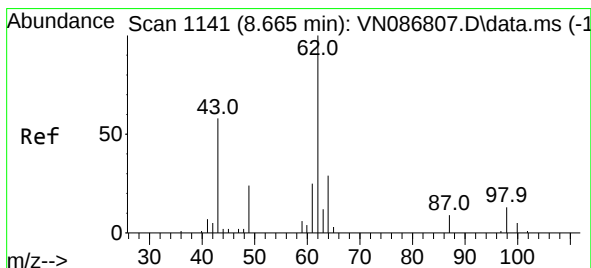
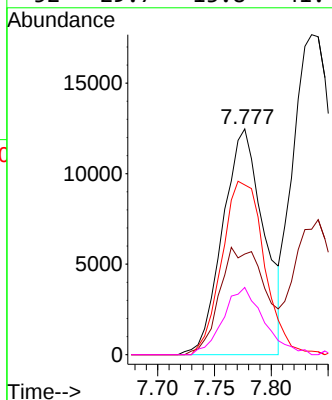
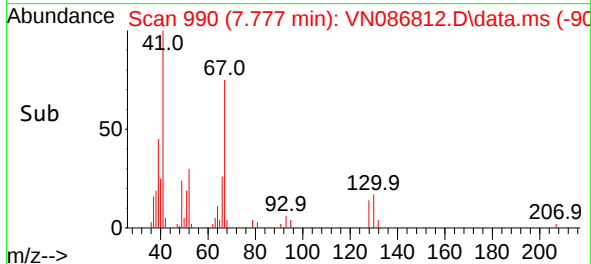
Instrument :
MSVOA_N
Client Sample Id :
ICVVN052925



Tgt Ion: 41 Resp: 31328
Ion Ratio Lower Upper
41 100
39 44.6 23.2 69.6
67 75.2 36.5 109.7
52 29.7 13.8 41.4

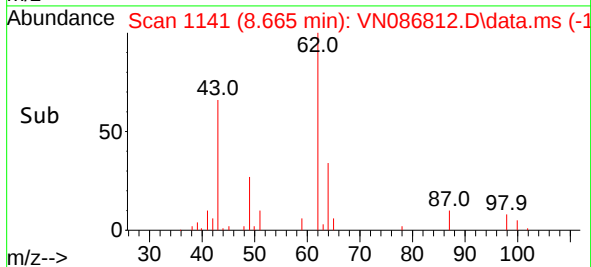
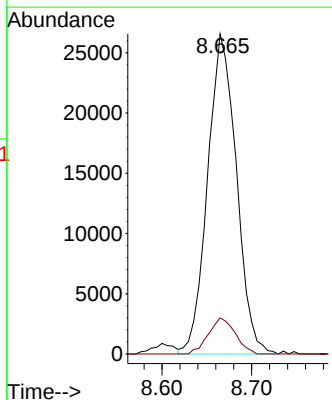
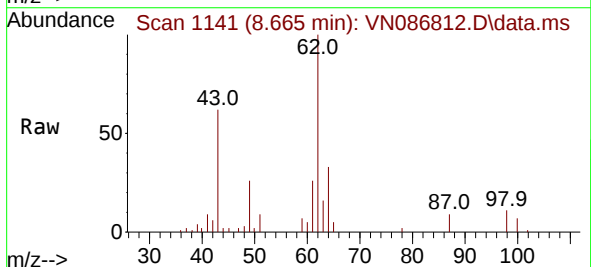
Manual Integrations
APPROVED

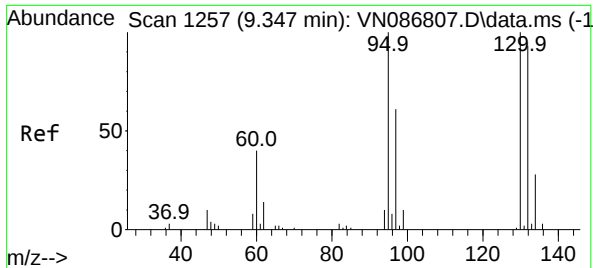
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#36
1,2-Dichloroethane
Concen: 18.861 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

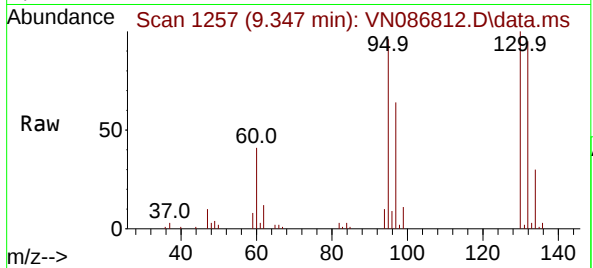
Tgt Ion: 62 Resp: 59147
Ion Ratio Lower Upper
62 100
98 10.5 8.5 12.7





#37
Trichloroethene
Concen: 18.229 ug/l
RT: 9.347 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

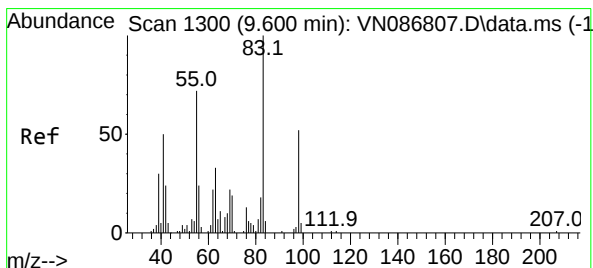
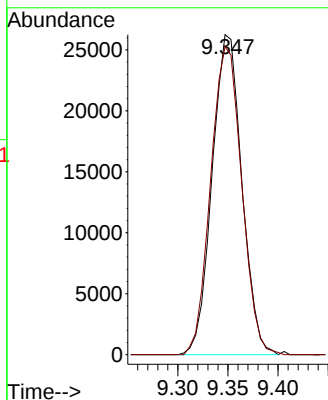
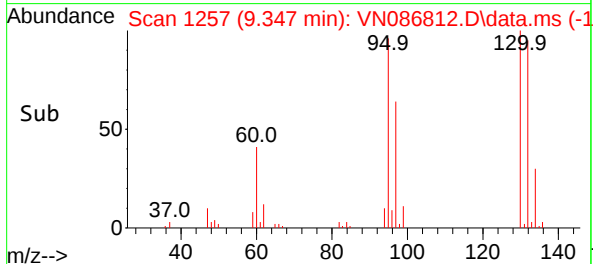
Instrument :
MSVOA_N
ClientSampleId :
ICVVN052925



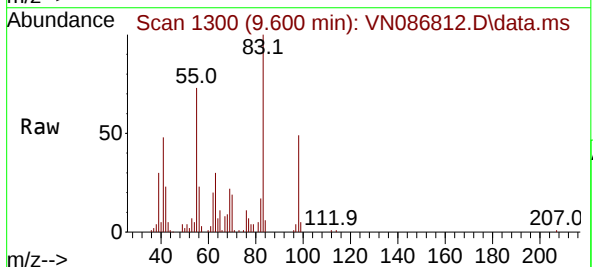
Tgt Ion:130 Resp: 5411
Ion Ratio Lower Upper
130 100
95 96.3 80.3 120.5

Manual Integrations
APPROVED

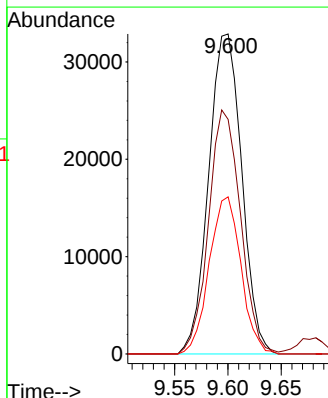
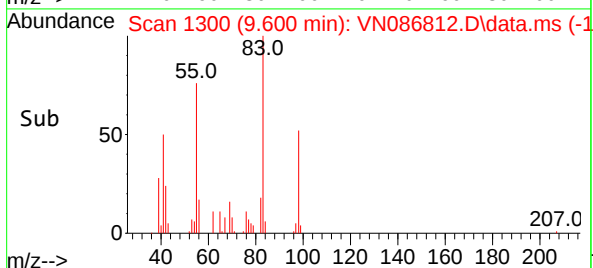
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

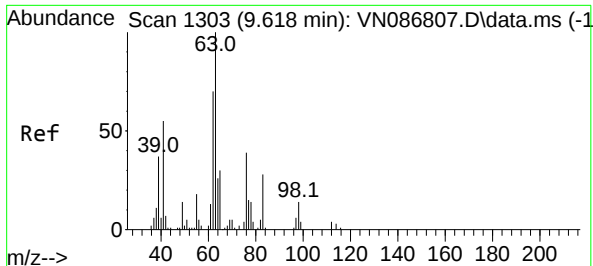


#38
Methylcyclohexane
Concen: 19.466 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29



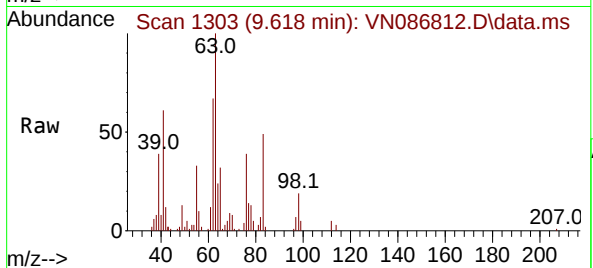
Tgt Ion: 83 Resp: 71039
Ion Ratio Lower Upper
83 100
55 73.7 37.4 112.1
98 47.1 24.6 73.6





#39
1,2-Dichloropropane
Concen: 18.621 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

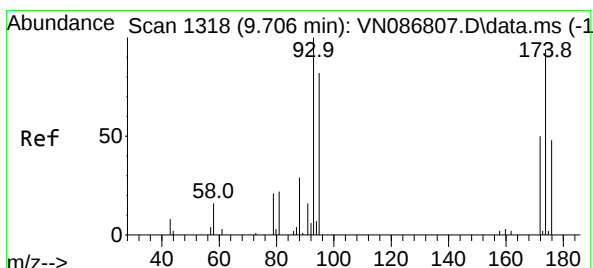
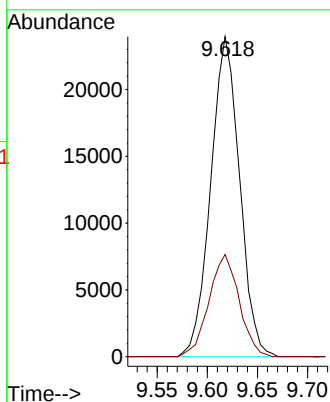
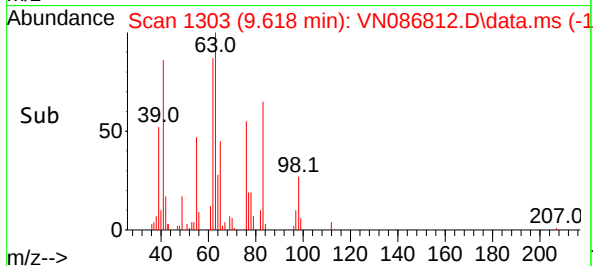
Instrument : MSVOA_N
ClientSampleId : ICVVN052925



Tgt Ion: 63 Resp: 47970
Ion Ratio Lower Upper
63 100
65 32.0 24.2 36.4

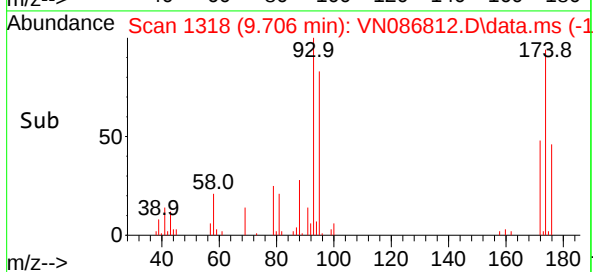
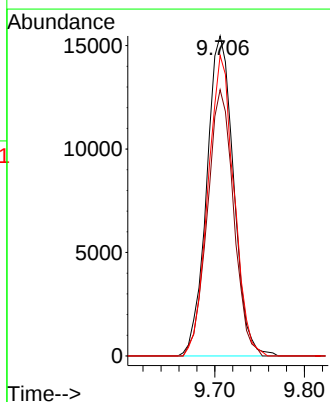
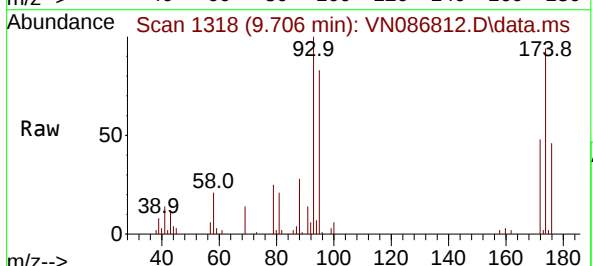
Manual Integrations
APPROVED

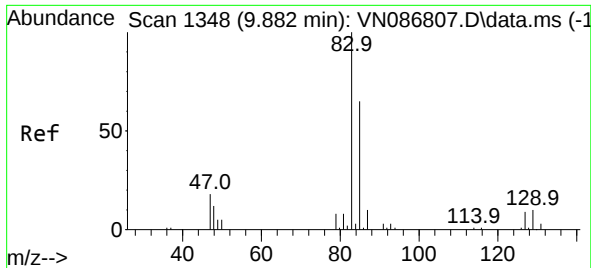
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#40
Dibromomethane
Concen: 19.100 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

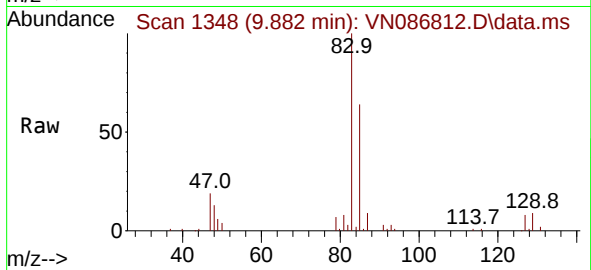
Tgt Ion: 93 Resp: 32186
Ion Ratio Lower Upper
93 100
95 81.0 0.0 166.4
174 90.9 0.0 181.8





#41
Bromodichloromethane
Concen: 18.370 ug/l
RT: 9.882 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

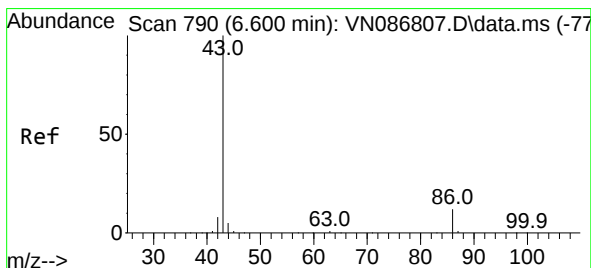
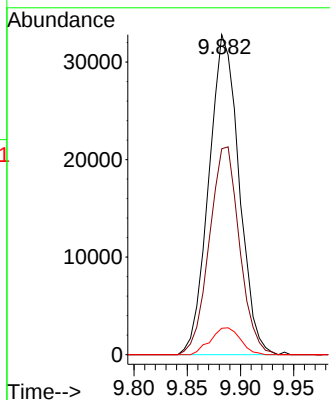
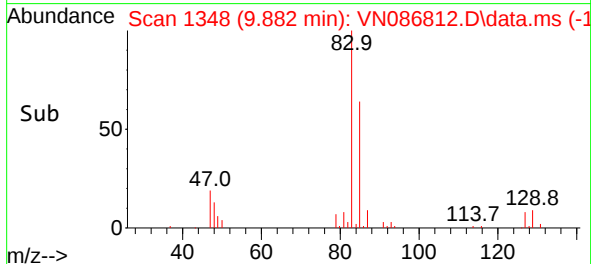
Instrument :
MSVOA_N
ClientSampleId :
ICVVN052925



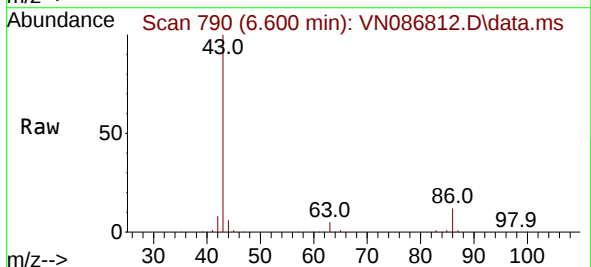
Tgt Ion: 83 Resp: 64799
Ion Ratio Lower Upper
83 100
85 64.3 51.8 77.8
127 8.3 6.8 10.2

Manual Integrations
APPROVED

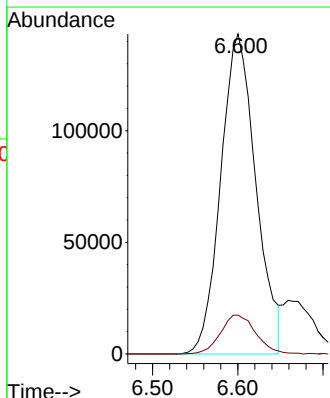
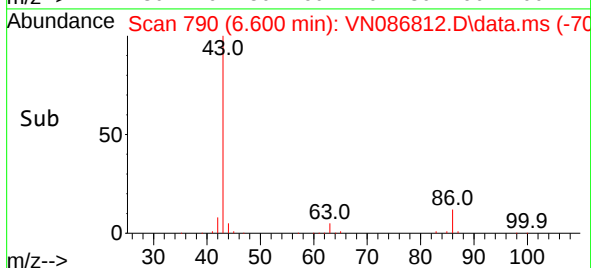
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

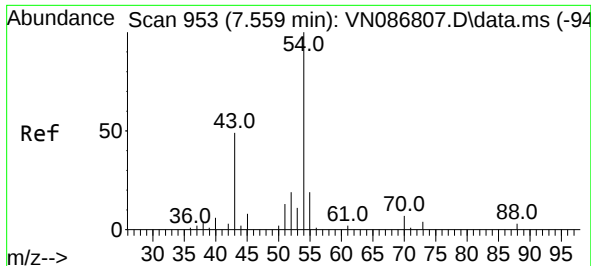


#42
Vinyl Acetate
Concen: 97.955 ug/l
RT: 6.600 min Scan# 790
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29



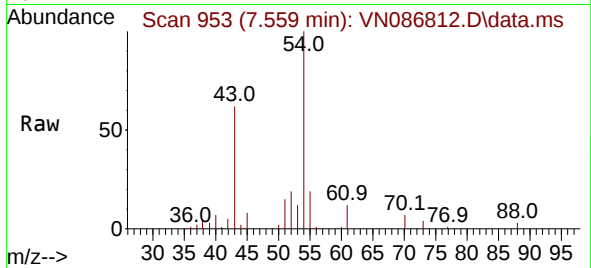
Tgt Ion: 43 Resp: 411482
Ion Ratio Lower Upper
43 100
86 12.2 9.5 14.3





#43
Ethyl Acetate
Concen: 18.099 ug/l m
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

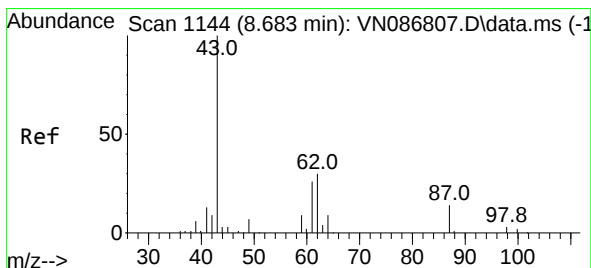
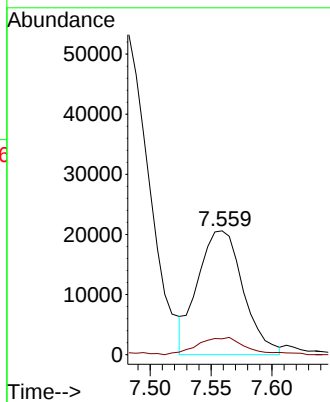
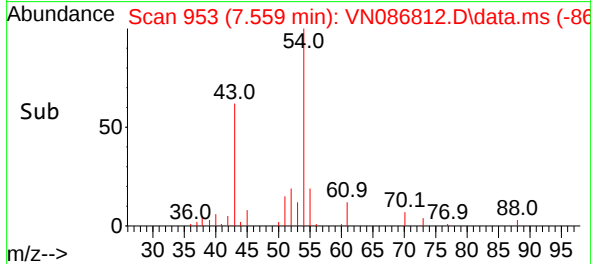
Instrument :
MSVOA_N
ClientSampleId :
ICVVN052925



Tgt Ion: 43 Resp: 53372
Ion Ratio Lower Upper
43 100
45 14.9 11.1 16.7

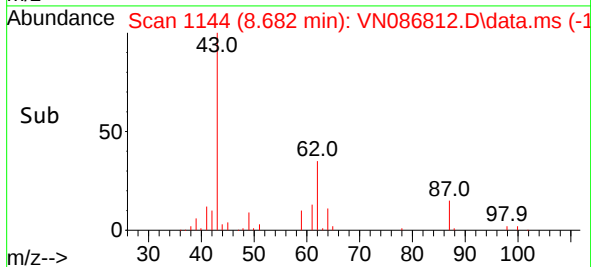
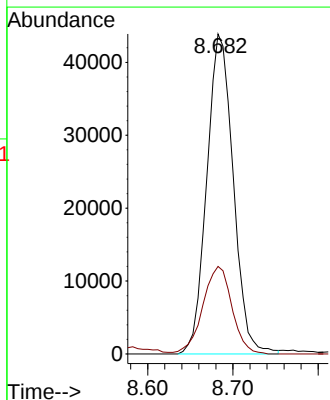
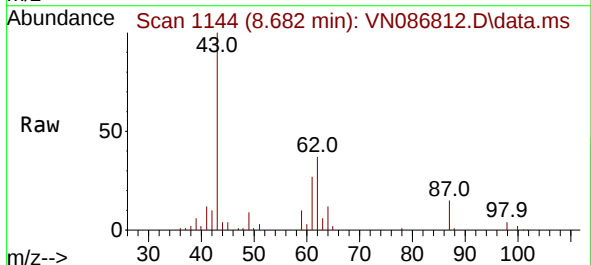
Manual Integrations
APPROVED

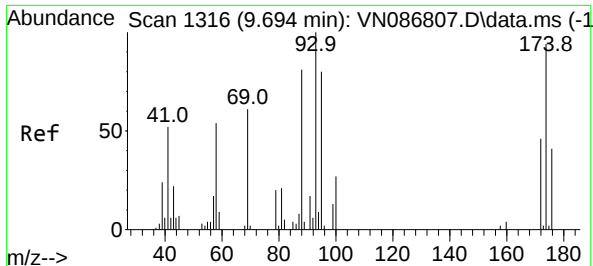
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#44
Isopropyl Acetate
Concen: 18.715 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

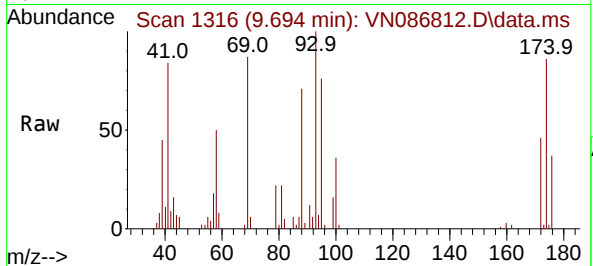
Tgt Ion: 43 Resp: 94672
Ion Ratio Lower Upper
43 100
61 30.1 23.8 35.6





#45
1,4-Dioxane
Concen: 357.261 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

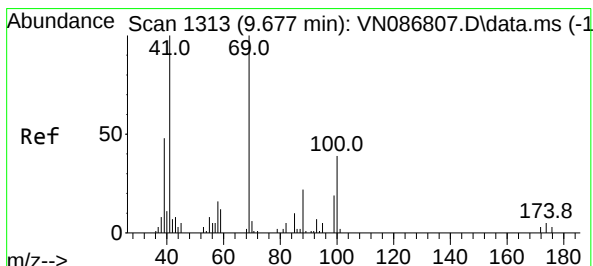
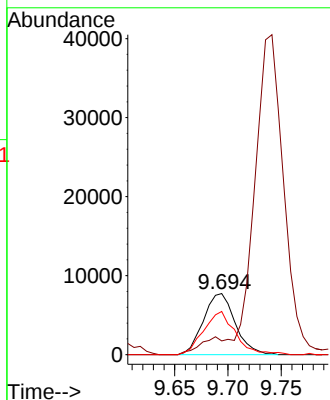
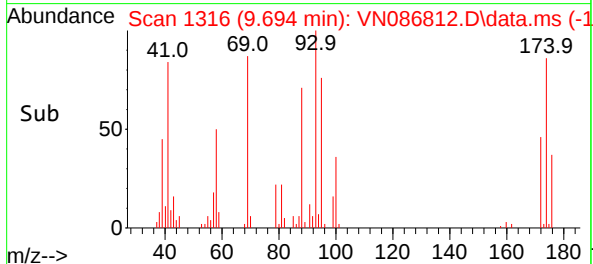
Instrument :
MSVOA_N
ClientSampleId :
ICVVN052925



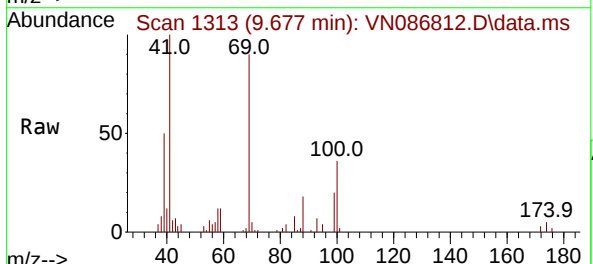
Tgt Ion: 88 Resp: 16063
Ion Ratio Lower Upper
88 100
43 28.6 23.0 34.6
58 70.7 57.6 86.4

Manual Integrations
APPROVED

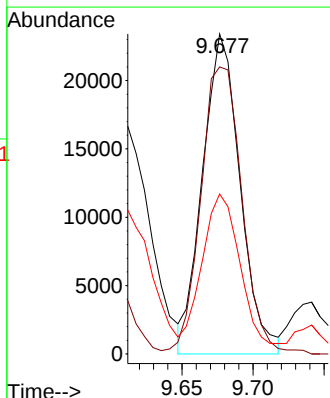
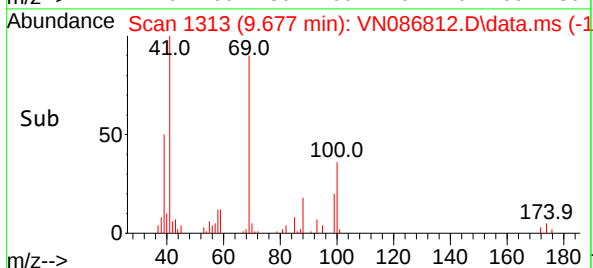
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

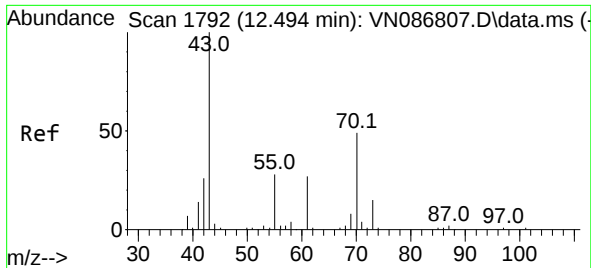


#46
Methyl methacrylate
Concen: 18.466 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29



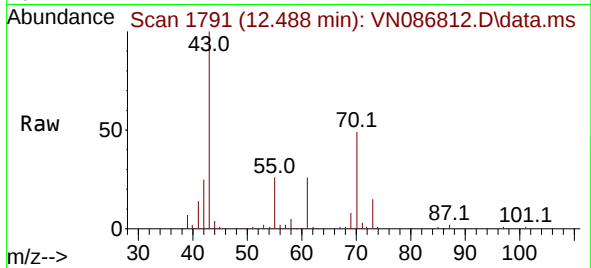
Tgt Ion: 41 Resp: 43072
Ion Ratio Lower Upper
41 100
69 92.8 48.0 144.2
39 49.3 23.8 71.2





#47
n-amyl acetate
Concen: 18.339 ug/l
RT: 12.488 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

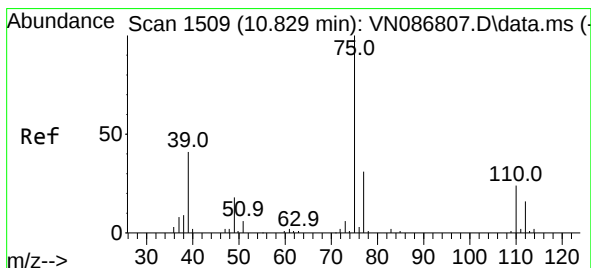
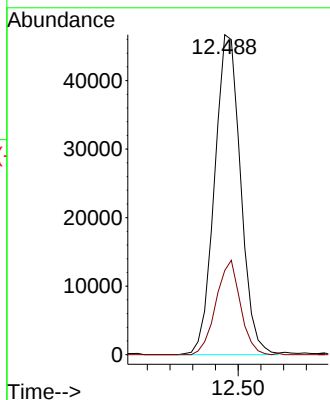
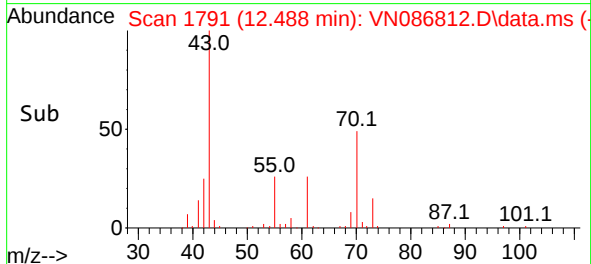
Instrument :
MSVOA_N
ClientSampleId :
ICVVN052925



Tgt Ion: 43 Resp: 74476
Ion Ratio Lower Upper
43 100
55 27.5 21.7 32.5

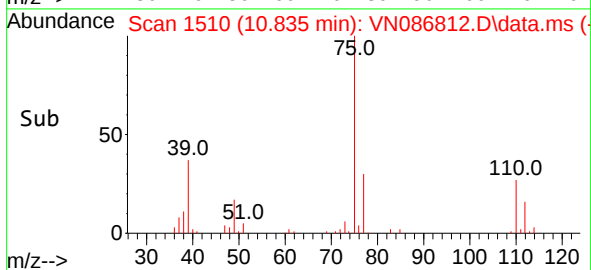
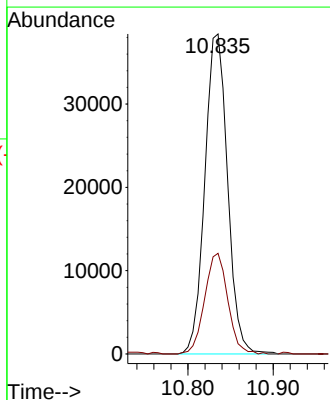
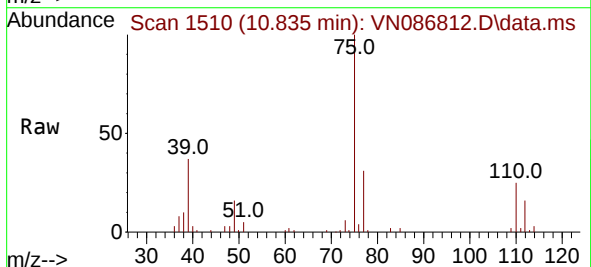
Manual Integrations
APPROVED

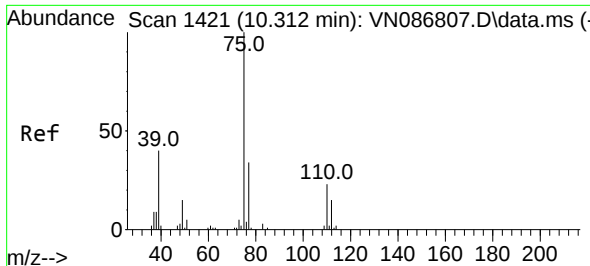
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#48
t-1,3-Dichloropropene
Concen: 18.844 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.006 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

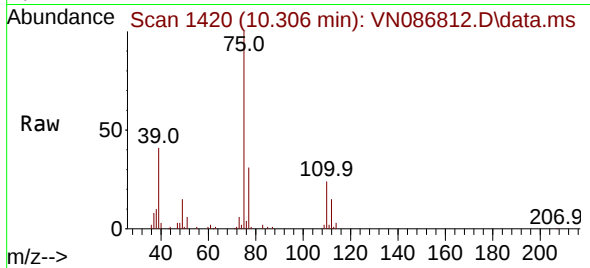
Tgt Ion: 75 Resp: 71129
Ion Ratio Lower Upper
75 100
77 31.5 25.1 37.7





#49
cis-1,3-Dichloropropene
Concen: 18.781 ug/l
RT: 10.306 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

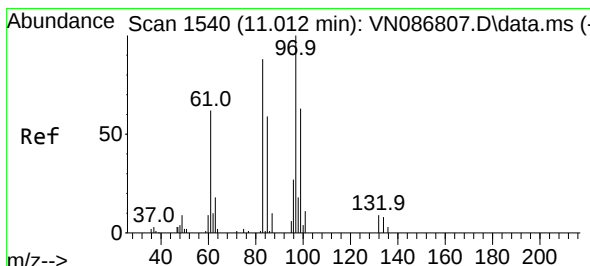
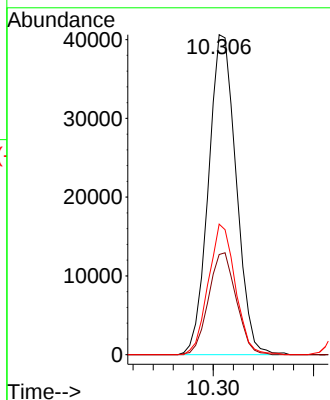
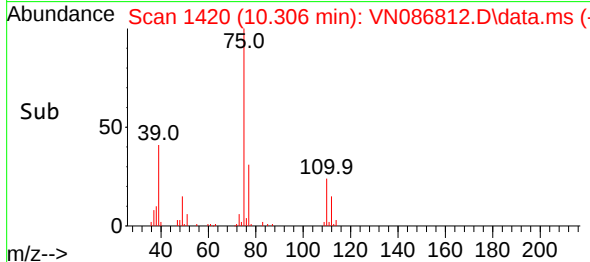
Instrument :
MSVOA_N
ClientSampleId :
ICVVN052925



Tgt Ion: 75 Resp: 77974
Ion Ratio Lower Upper
75 100
77 31.3 26.9 40.3
39 40.8 31.8 47.6

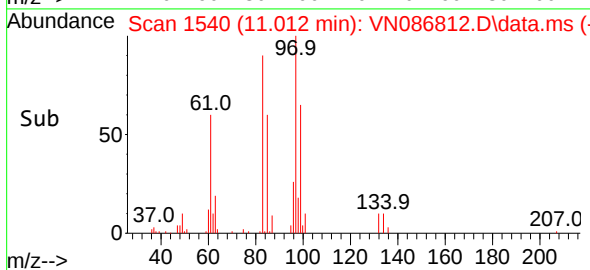
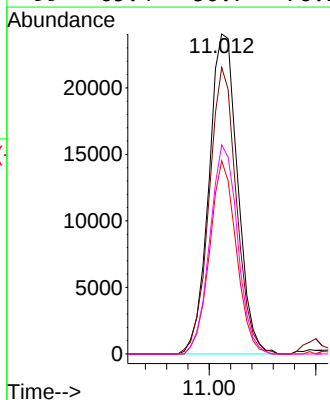
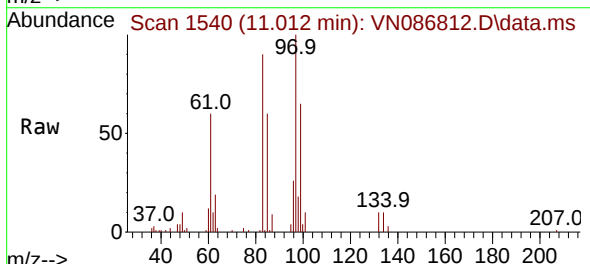
Manual Integrations
APPROVED

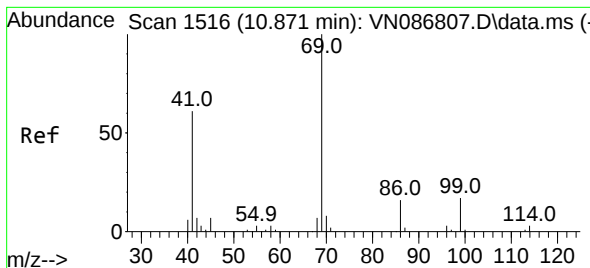
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#50
1,1,2-Trichloroethane
Concen: 18.912 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

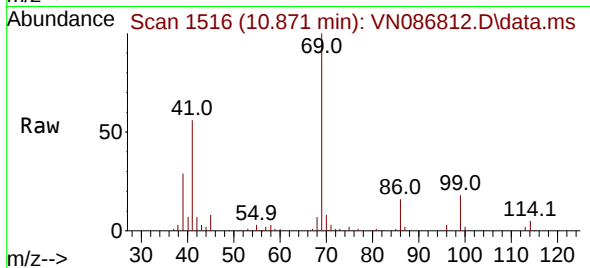
Tgt Ion: 97 Resp: 44885
Ion Ratio Lower Upper
97 100
83 89.6 70.6 105.8
85 60.4 46.8 70.2
99 65.4 50.7 76.1





#51
Ethyl methacrylate
Concen: 18.509 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

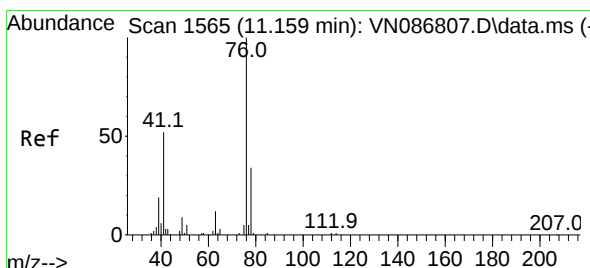
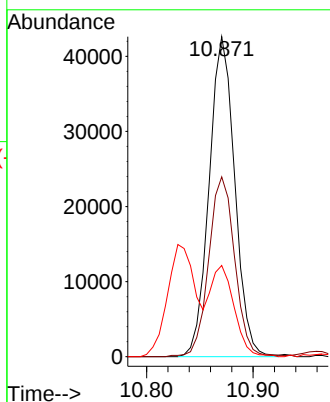
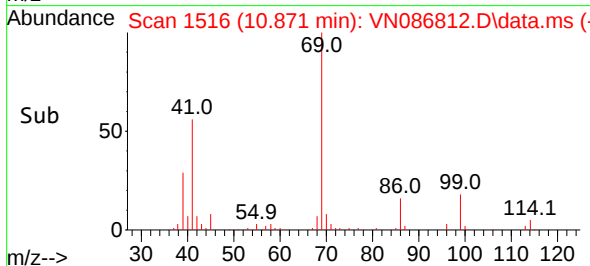
Instrument :
MSVOA_N
ClientSampleId :
ICVVN052925



Tgt Ion: 69 Resp: 71140
Ion Ratio Lower Upper
69 100
41 55.8 30.5 91.5
39 28.5 14.3 42.9

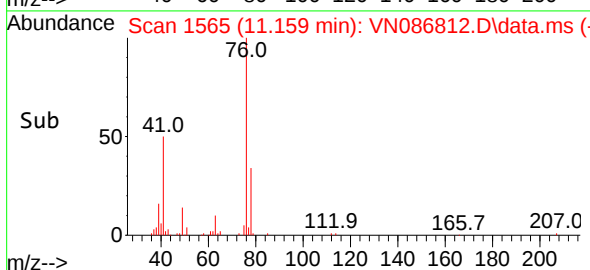
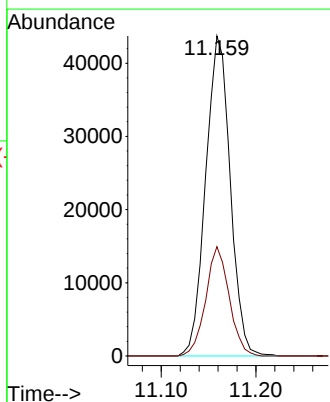
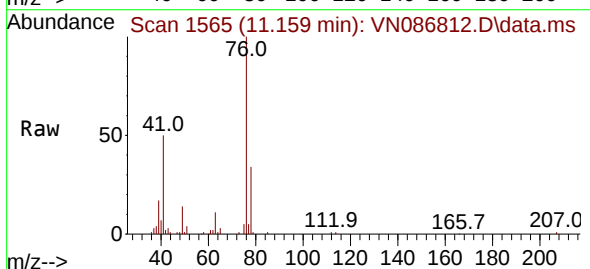
Manual Integrations
APPROVED

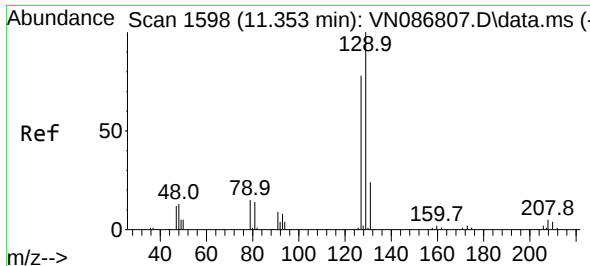
Reviewed By :John Carbone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#52
1,3-Dichloropropane
Concen: 18.680 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

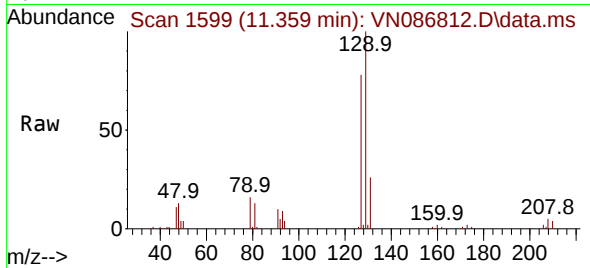
Tgt Ion: 76 Resp: 78678
Ion Ratio Lower Upper
76 100
78 32.6 0.0 64.6





#53
Dibromochloromethane
Concen: 18.159 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

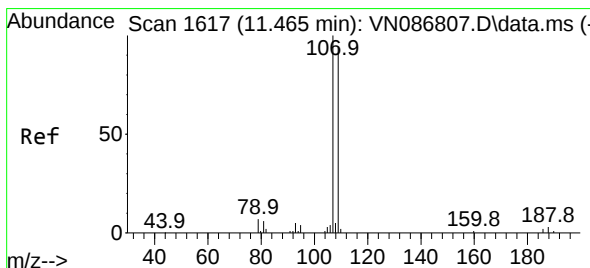
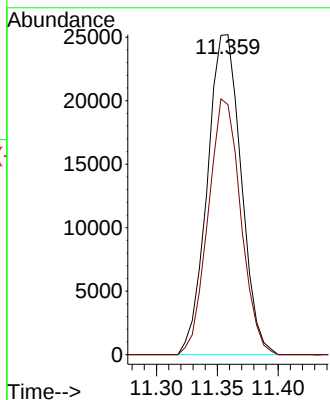
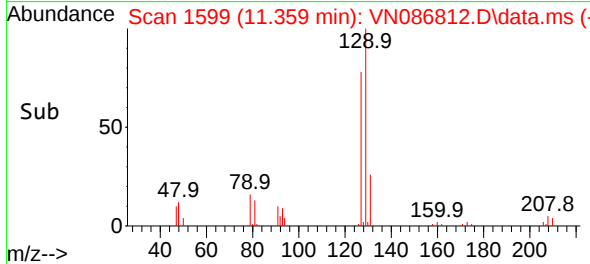
Instrument :
MSVOA_N
ClientSampleId :
ICVVN052925



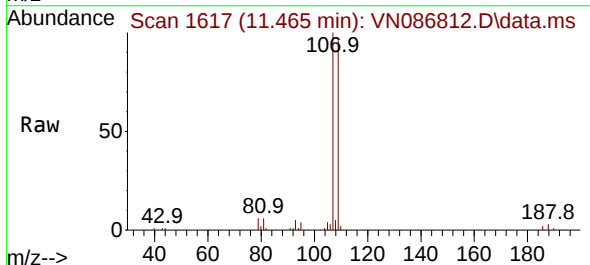
Tgt Ion:129 Resp: 4870
Ion Ratio Lower Upper
129 100
127 77.1 39.1 117.3

Manual Integrations
APPROVED

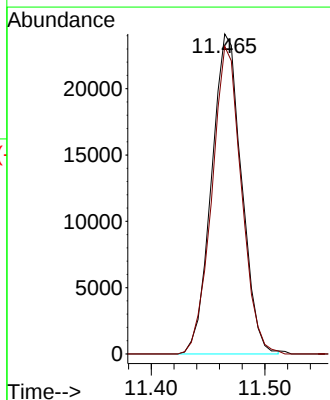
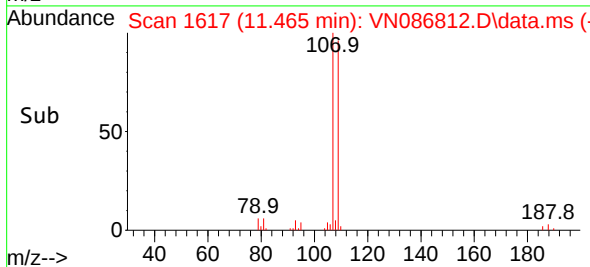
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

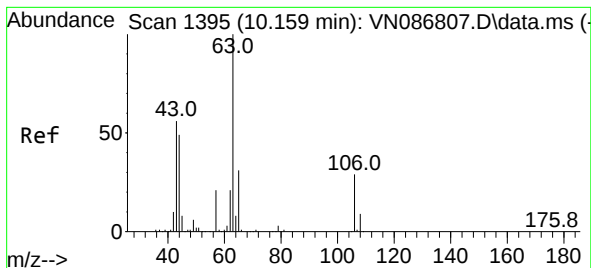


#54
1,2-Dibromoethane
Concen: 18.259 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29



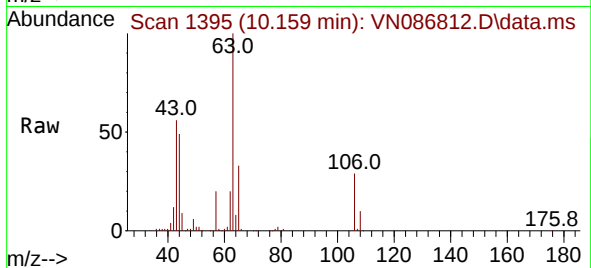
Tgt Ion:107 Resp: 44297
Ion Ratio Lower Upper
107 100
109 94.5 75.0 112.6





#55
2-Chloroethyl vinyl ether
Concen: 90.742 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

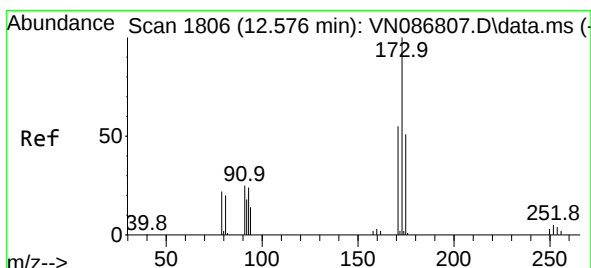
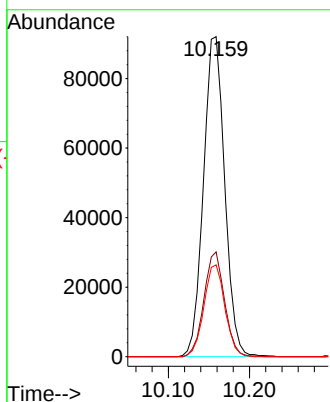
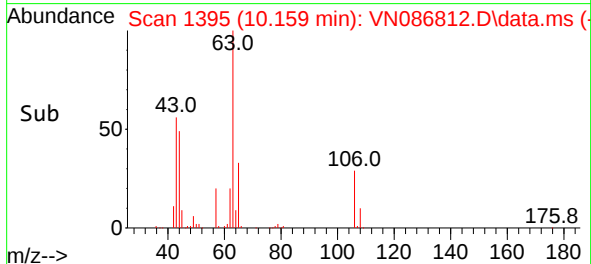
Instrument :
MSVOA_N
ClientSampleId :
ICVVN052925



Tgt Ion: 63 Resp: 167424
Ion Ratio Lower Upper
63 100
65 31.7 25.7 38.5
106 28.3 22.7 34.1

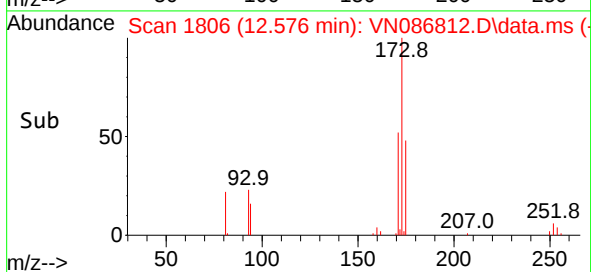
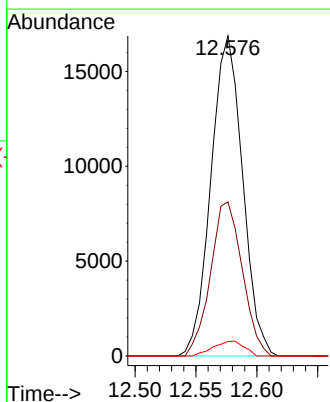
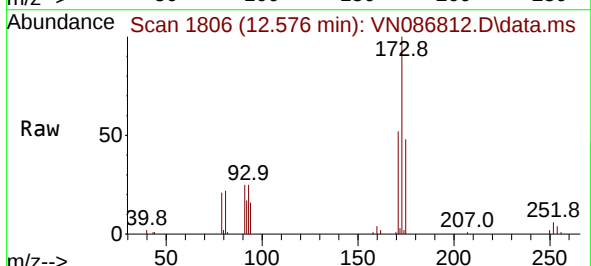
Manual Integrations
APPROVED

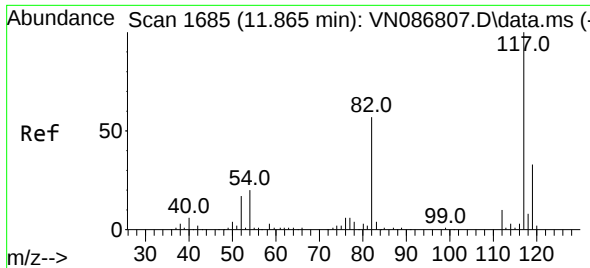
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#56
Bromoform
Concen: 18.068 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion:173 Resp: 30533
Ion Ratio Lower Upper
173 100
175 48.3 39.7 59.5
254 4.5 3.5 5.3





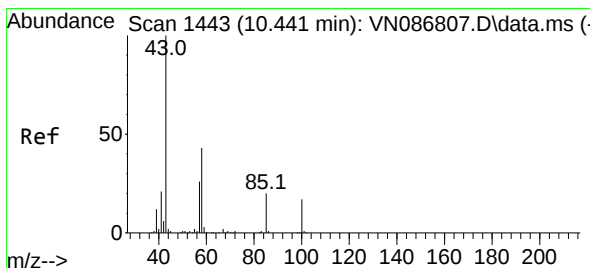
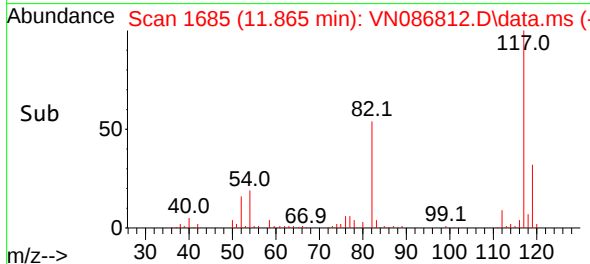
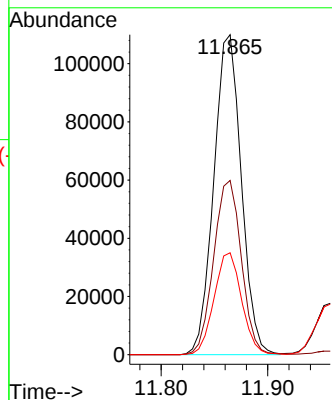
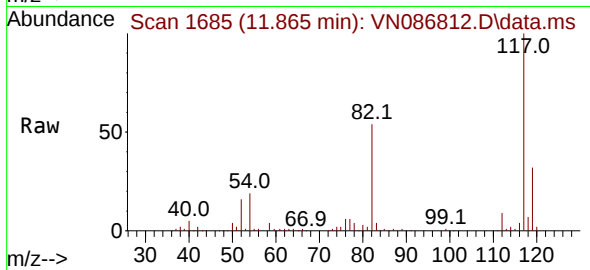
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Instrument :
MSVOA_N
ClientSampleId :
ICVVN052925

Tgt Ion:117 Resp: 197319
Ion Ratio Lower Upper
117 100
82 54.7 44.7 67.1
119 31.9 25.6 38.4

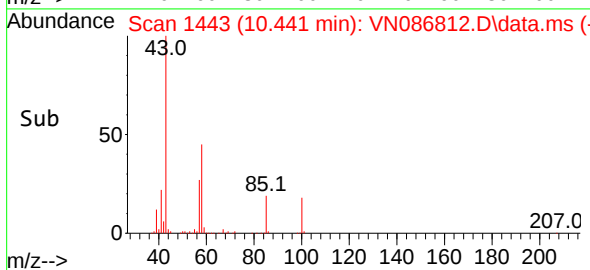
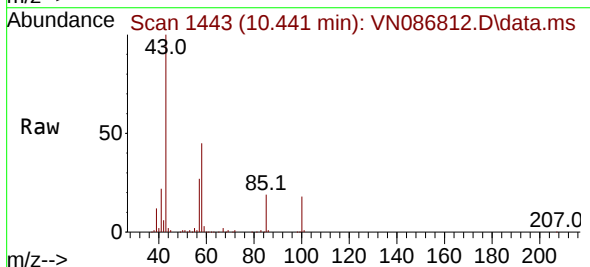
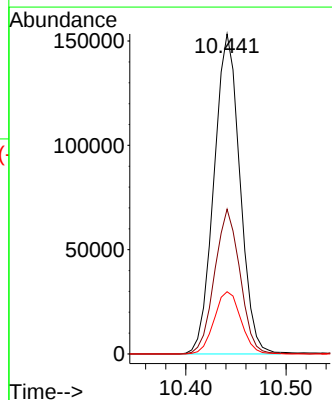
Manual Integrations
APPROVED

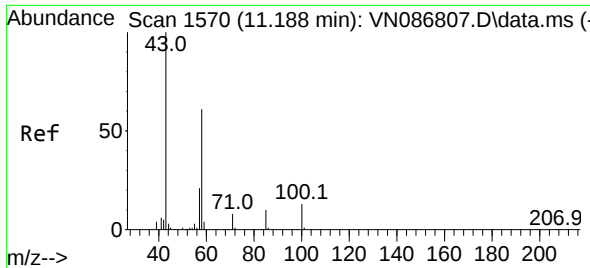
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#58
4-Methyl-2-Pentanone
Concen: 95.151 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

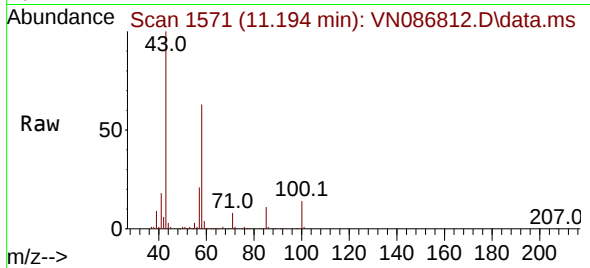
Tgt Ion: 43 Resp: 275494
Ion Ratio Lower Upper
43 100
58 44.3 34.5 51.7
85 20.0 15.8 23.8





#59
2-Hexanone
Concen: 96.760 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

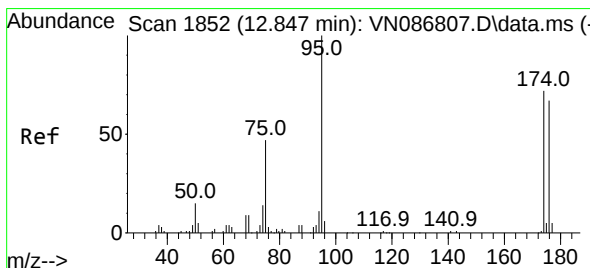
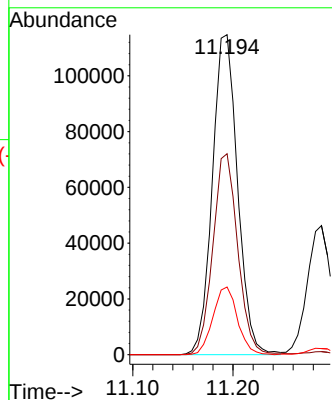
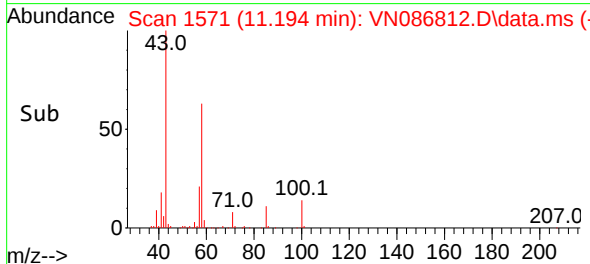
Instrument :
MSVOA_N
ClientSampleId :
ICVVN052925



Tgt Ion: 43 Resp: 200674
Ion Ratio Lower Upper
43 100
58 61.7 49.1 73.7
57 20.5 16.6 25.0

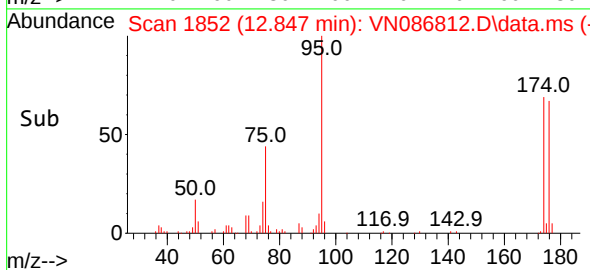
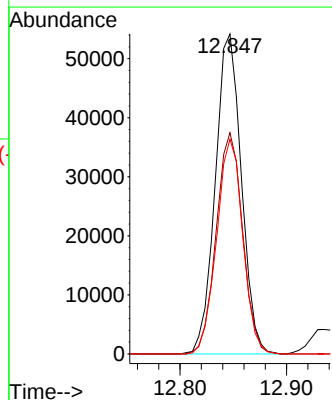
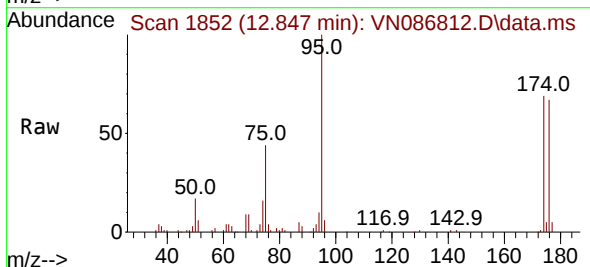
Manual Integrations
APPROVED

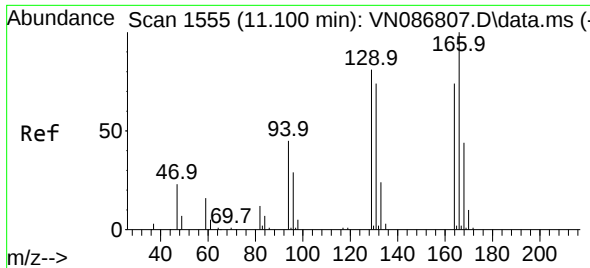
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#60
4-Bromofluorobenzene
Concen: 29.747 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion: 95 Resp: 92156
Ion Ratio Lower Upper
95 100
174 69.8 56.2 84.4
176 67.1 53.4 80.0





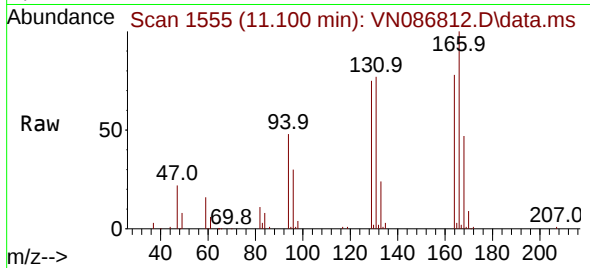
#61
Tetrachloroethene
Concen: 19.102 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Instrument :

MSVOA_N

ClientSampleId :

ICVVN052925



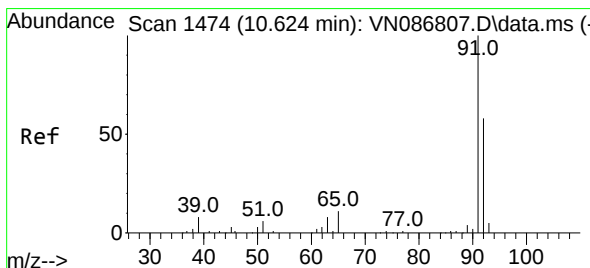
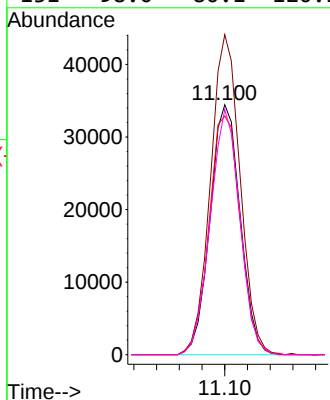
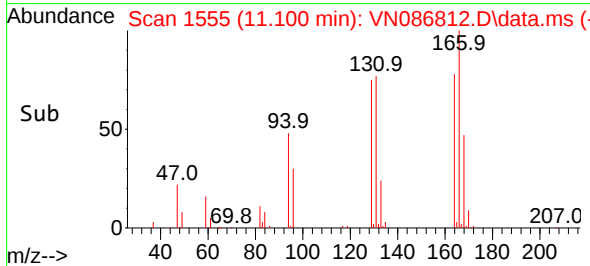
Tgt Ion:164 Resp: 63359
Ion Ratio Lower Upper
164 100
166 128.0 107.5 161.3
129 95.5 87.4 131.2
131 98.0 80.1 120.1

Manual Integrations

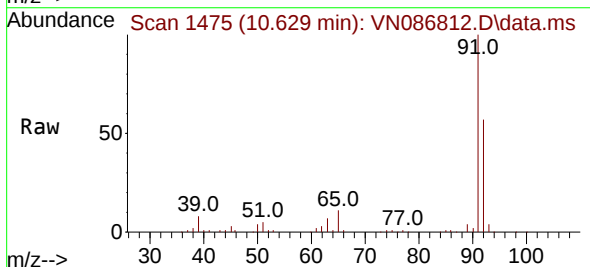
APPROVED

Reviewed By :John Carlone 05/30/2025

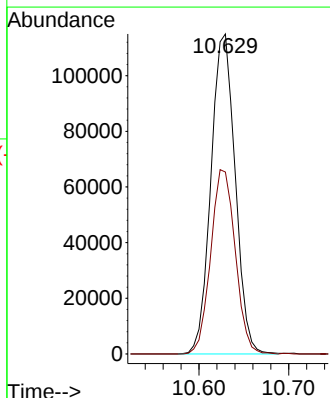
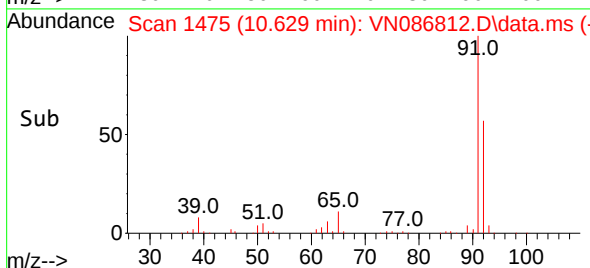
Supervised By :Mahesh Dadoda 05/30/2025

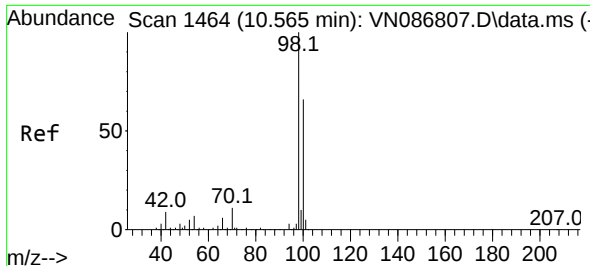


#62
Toluene
Concen: 19.407 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29



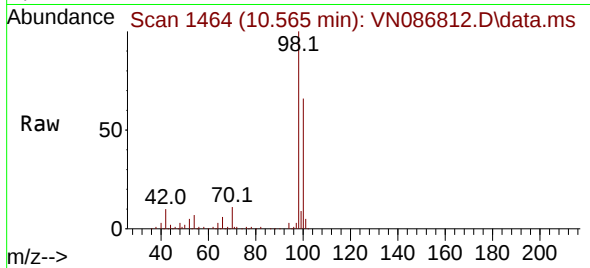
Tgt Ion: 91 Resp: 215673
Ion Ratio Lower Upper
91 100
92 58.3 46.6 70.0





#63
Toluene-d8
Concen: 30.356 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

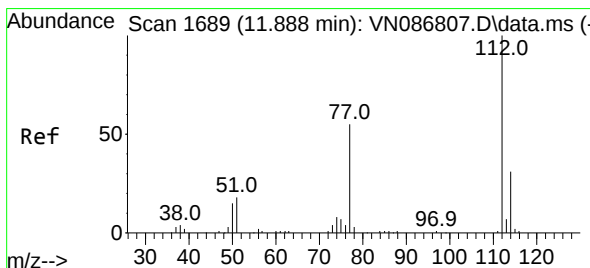
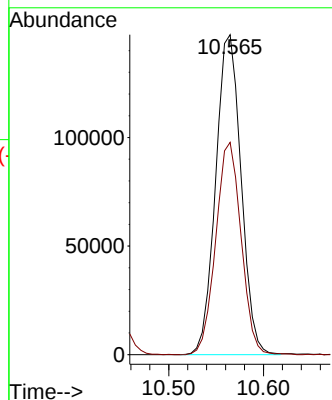
Instrument :
MSVOA_N
ClientSampleId :
ICVVN052925



Tgt Ion: 98 Resp: 274925
Ion Ratio Lower Upper
98 100
100 66.0 52.7 79.1

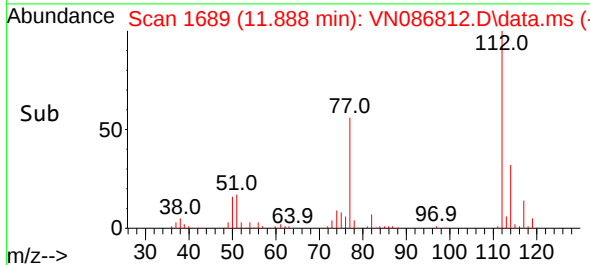
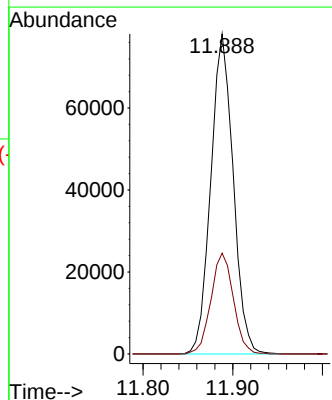
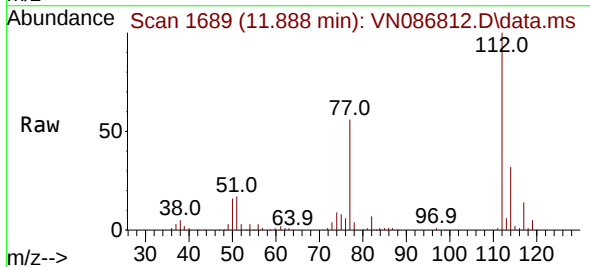
Manual Integrations
APPROVED

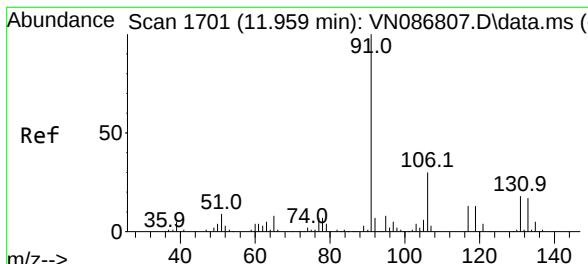
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#64
Chlorobenzene
Concen: 19.086 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion:112 Resp: 135267
Ion Ratio Lower Upper
112 100
114 31.5 25.1 37.7





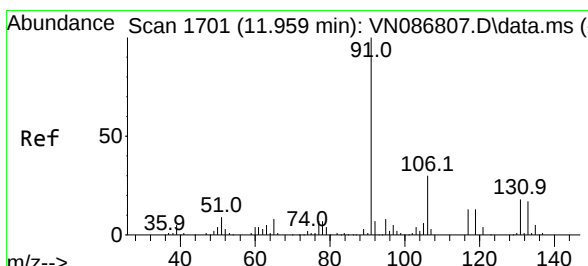
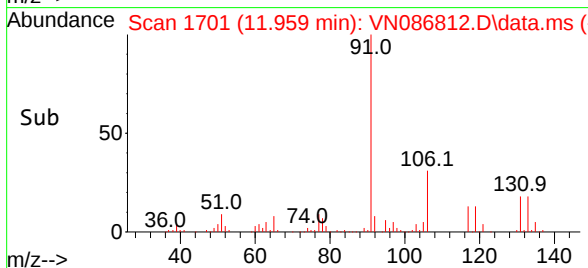
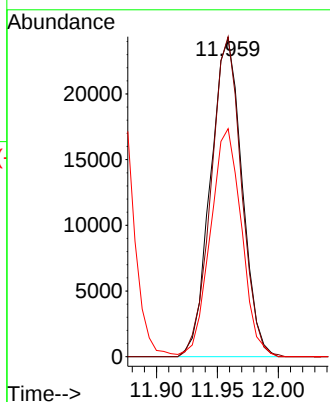
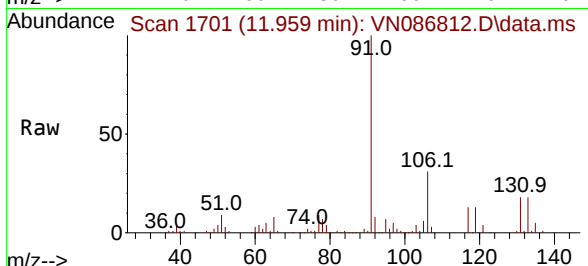
#65
 1,1,1,2-Tetrachloroethane
 Concen: 18.735 ug/l
 RT: 11.959 min Scan# 1701
 Delta R.T. -0.000 min
 Lab File: VN086812.D
 Acq: 29 May 2025 13:29

Instrument : MSVOA_N
 ClientSampleId : ICVVN052925

Tgt Ion:131 Resp: 43620
 Ion Ratio Lower Upper
 131 100
 133 96.8 0.0 191.0
 119 70.5 0.0 140.8

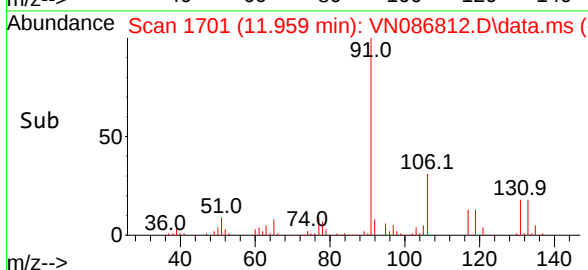
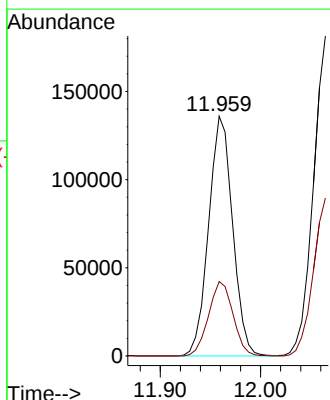
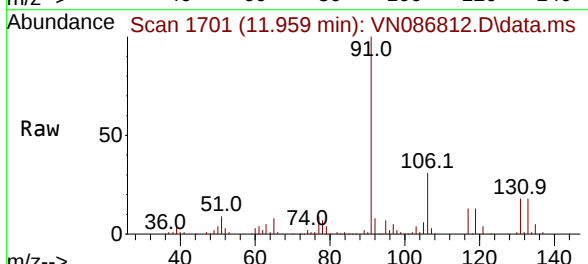
Manual Integrations
 APPROVED

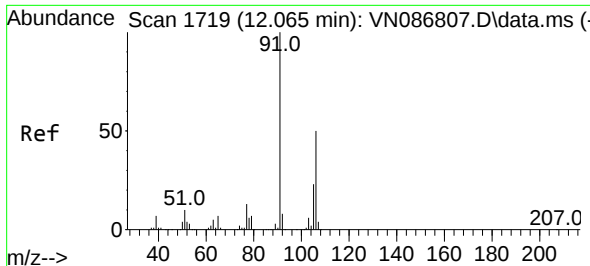
Reviewed By :John Carlone 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025



#66
 Ethyl Benzene
 Concen: 18.817 ug/l
 RT: 11.959 min Scan# 1701
 Delta R.T. -0.000 min
 Lab File: VN086812.D
 Acq: 29 May 2025 13:29

Tgt Ion: 91 Resp: 226179
 Ion Ratio Lower Upper
 91 100
 106 31.1 23.6 35.4





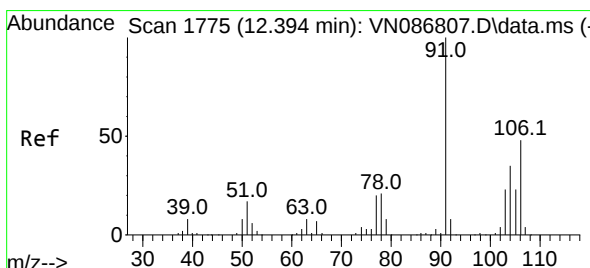
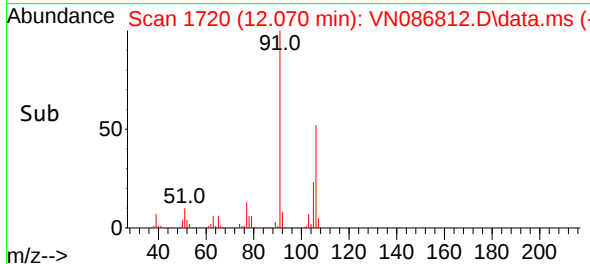
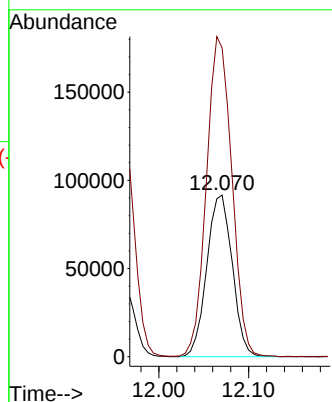
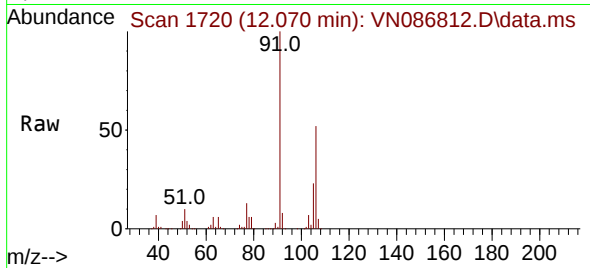
#67
m/p-Xylenes
Concen: 38.318 ug/l
RT: 12.070 min Scan# 1719
Delta R.T. 0.006 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Instrument :
MSVOA_N
ClientSampleId :
ICVVN052925

Tgt Ion:106 Resp: 180739
Ion Ratio Lower Upper
106 100
91 197.3 160.7 241.1

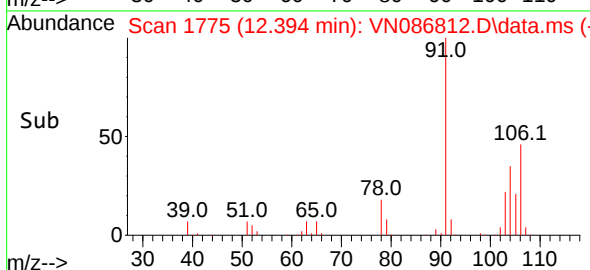
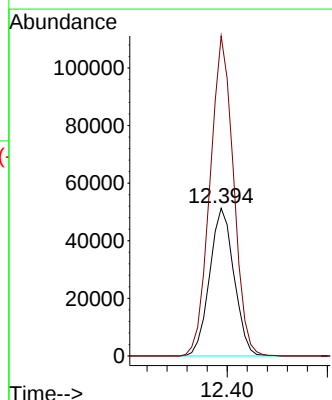
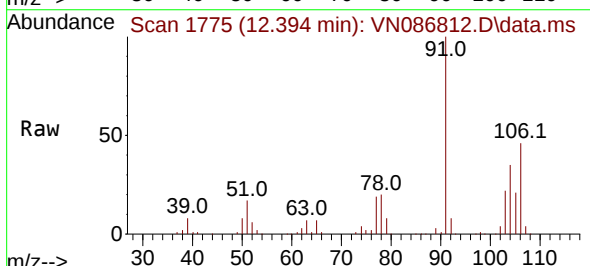
Manual Integrations
APPROVED

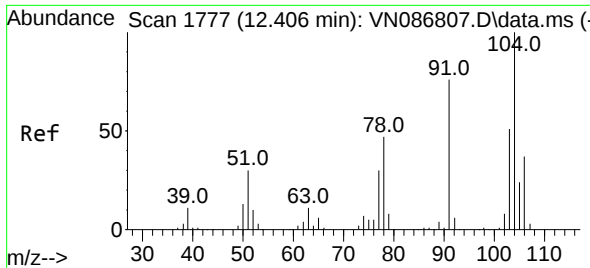
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#68
o-Xylene
Concen: 18.922 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion:106 Resp: 86496
Ion Ratio Lower Upper
106 100
91 209.4 106.3 318.9





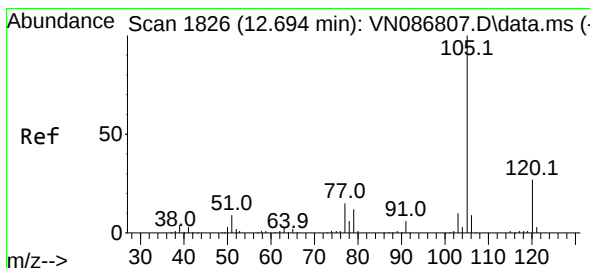
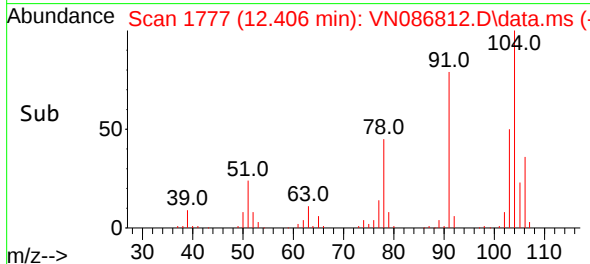
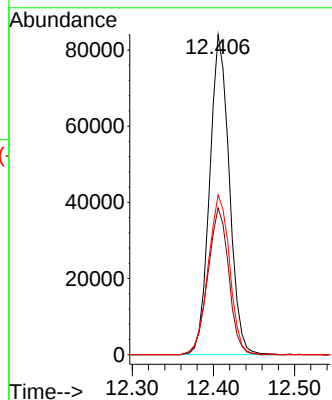
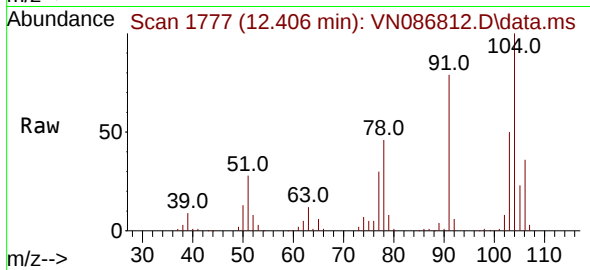
#69
Styrene
Concen: 18.542 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Instrument :
MSVOA_N
ClientSampleId :
ICVVN052925

Tgt Ion:104 Resp: 141215
Ion Ratio Lower Upper
104 100
78 48.7 38.6 57.8
103 54.6 43.2 64.8

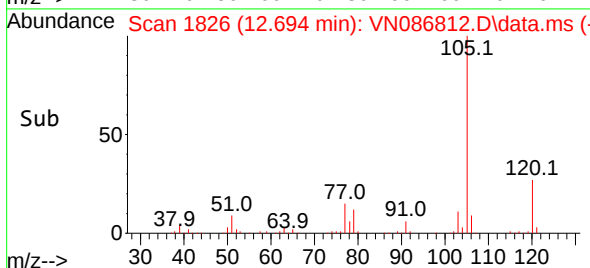
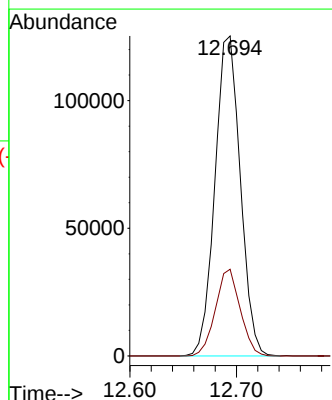
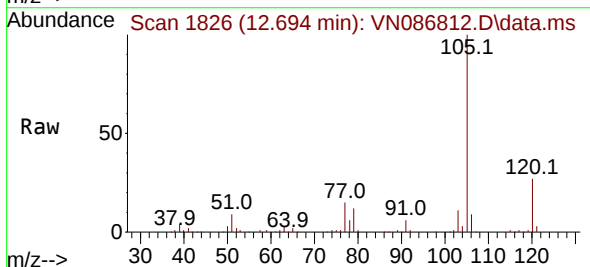
Manual Integrations
APPROVED

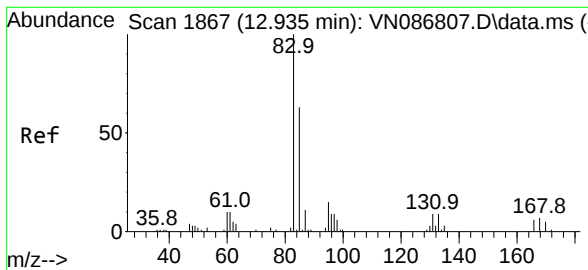
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#70
Isopropylbenzene
Concen: 19.055 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion:105 Resp: 207175
Ion Ratio Lower Upper
105 100
120 26.4 19.0 35.2





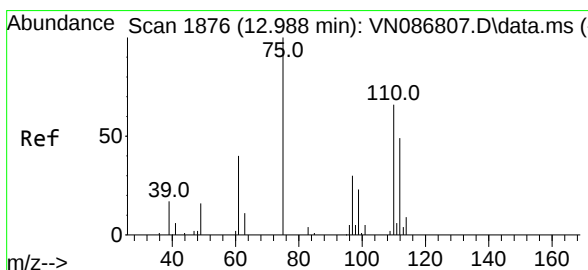
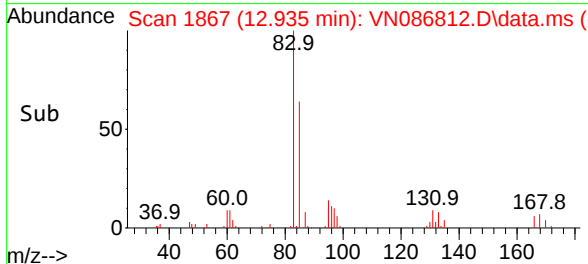
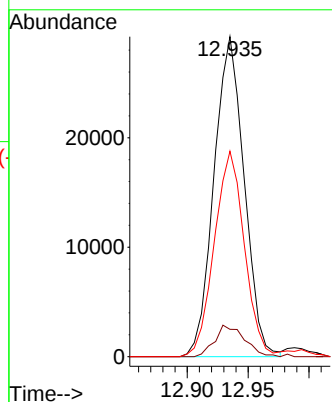
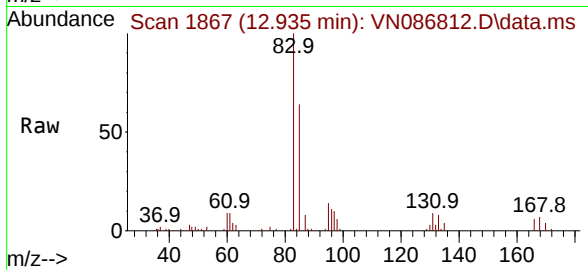
#71
1,1,2,2-Tetrachloroethane
Concen: 19.528 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Instrument : MSVOA_N
ClientSampleId : ICVVN052925

Tgt Ion: 83 Resp: 50479
Ion Ratio Lower Upper
83 100
131 9.7 5.0 15.0
85 63.7 32.6 97.7

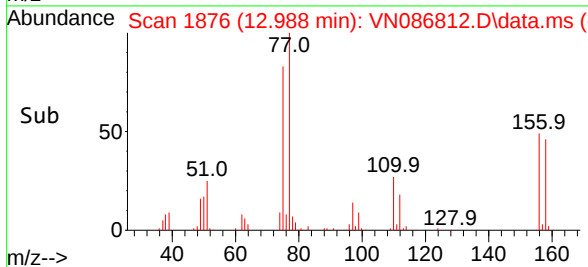
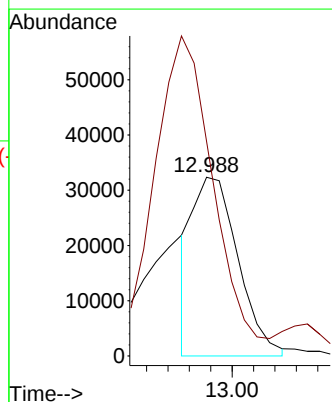
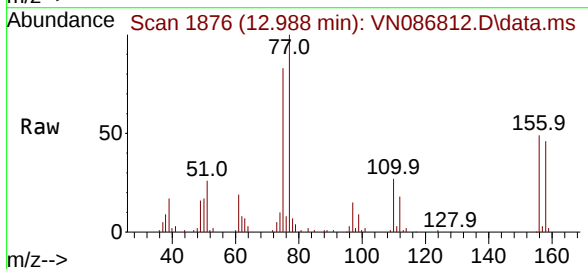
Manual Integrations
APPROVED

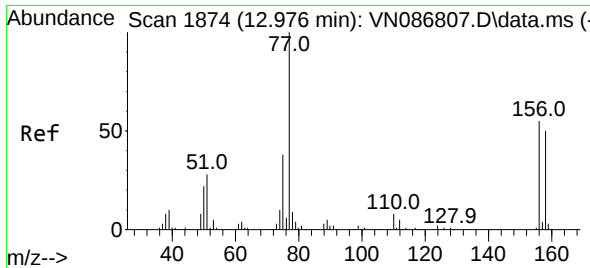
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#72
1,2,3-Trichloropropane
Concen: 15.856 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

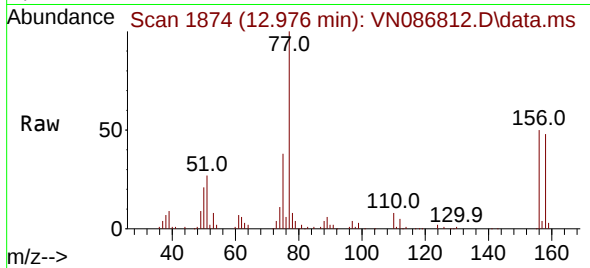
Tgt Ion: 75 Resp: 48037
Ion Ratio Lower Upper
75 100
77 234.6 0.0 390.6





#73
Bromobenzene
Concen: 18.586 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

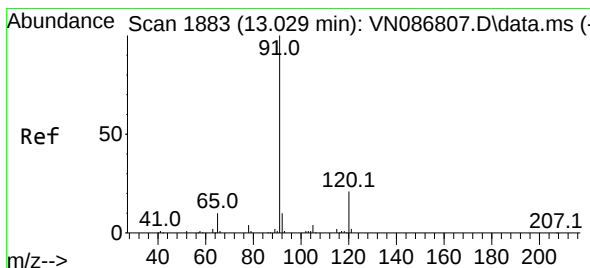
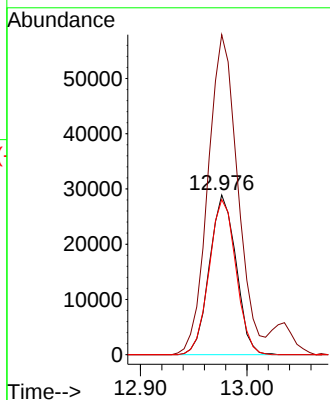
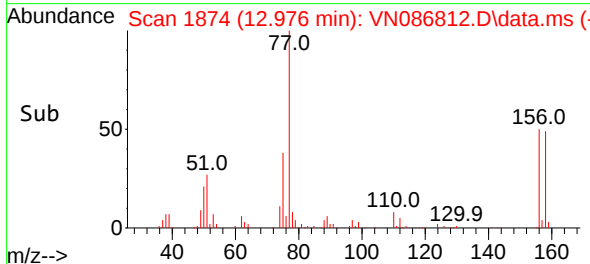
Instrument :
MSVOA_N
ClientSampleId :
ICVVN052925



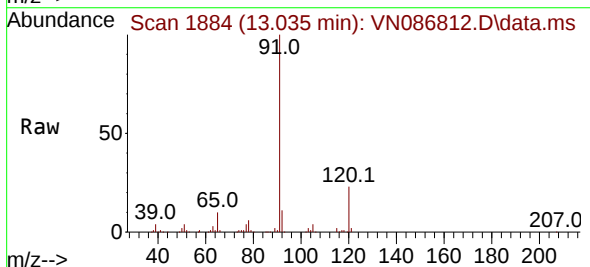
Tgt Ion:156 Resp: 50227
Ion Ratio Lower Upper
156 100
77 224.4 0.0 442.0
158 97.7 0.0 191.8

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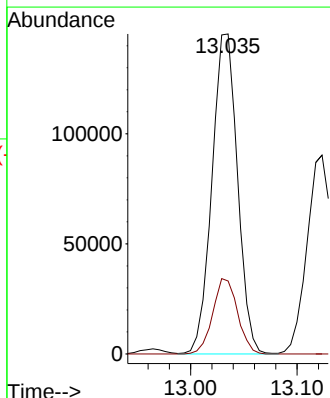
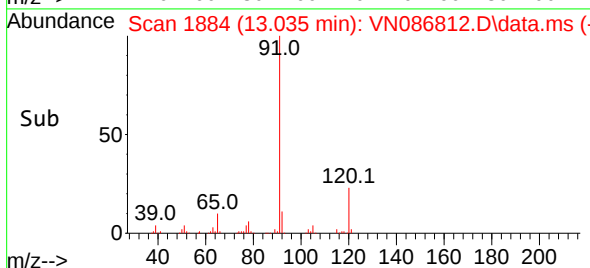
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

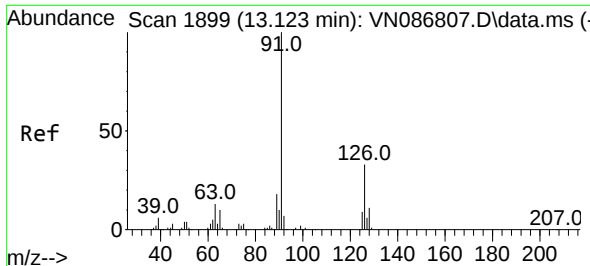


#74
n-propylbenzene
Concen: 18.813 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29



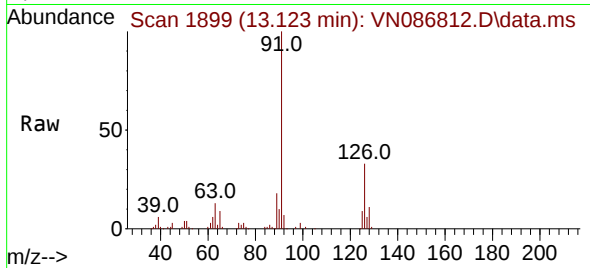
Tgt Ion: 91 Resp: 242286
Ion Ratio Lower Upper
91 100
120 22.8 0.0 45.6





#75
2-Chlorotoluene
Concen: 18.675 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

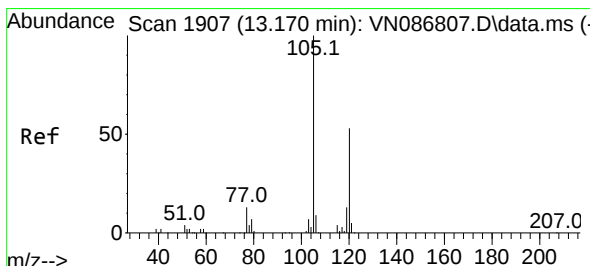
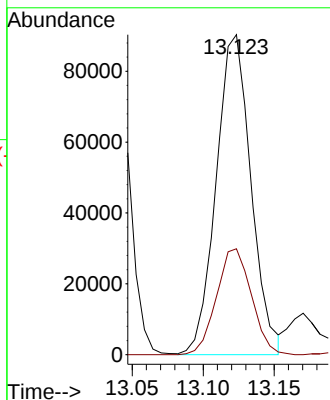
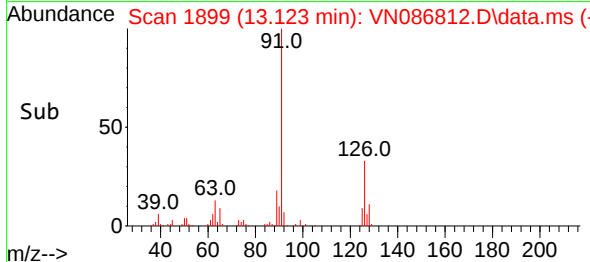
Instrument :
MSVOA_N
ClientSampleId :
ICVVN052925



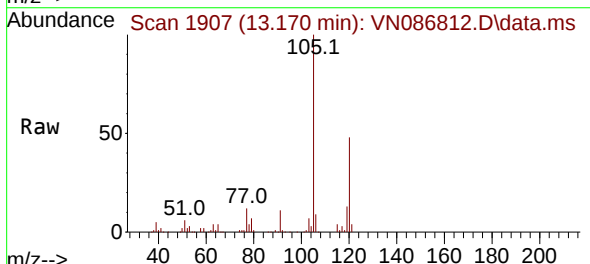
Tgt Ion: 91 Resp: 154360
Ion Ratio Lower Upper
91 100
126 33.1 0.0 64.4

Manual Integrations
APPROVED

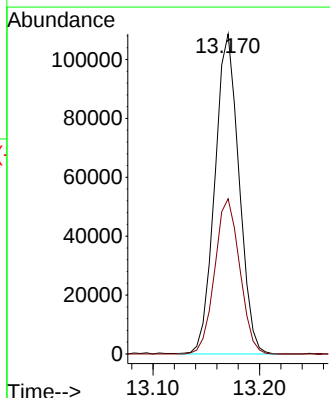
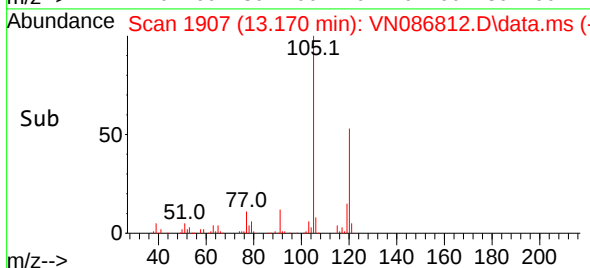
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

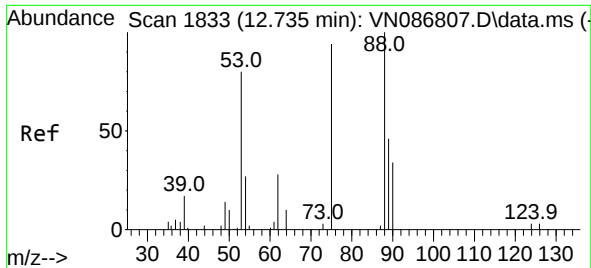


#76
1,3,5-Trimethylbenzene
Concen: 18.942 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29



Tgt Ion:105 Resp: 171325
Ion Ratio Lower Upper
105 100
120 49.9 0.0 101.4





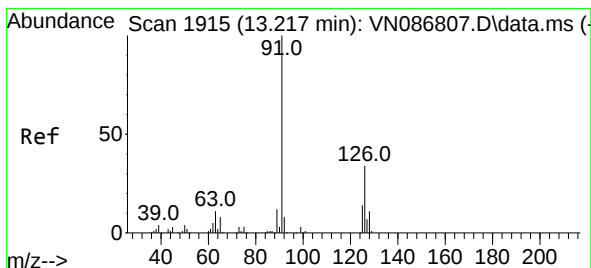
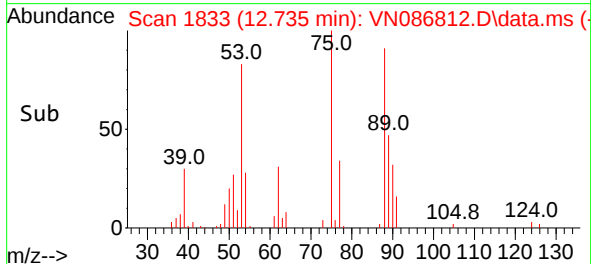
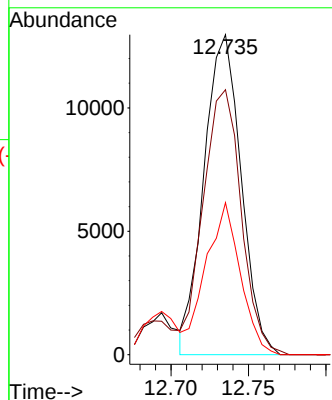
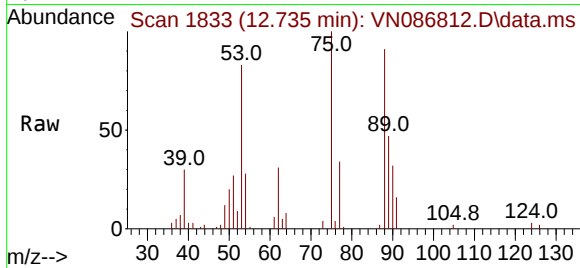
#77
t-1,4-Dichloro-2-butene
Concen: 17.419 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Instrument : MSVOA_N
ClientSampleId : ICVVN052925

Tgt Ion: 75 Resp: 21590
Ion Ratio Lower Upper
75 100
53 81.6 43.0 128.8
89 47.5 25.4 76.2

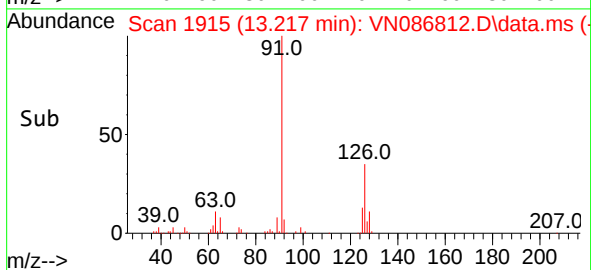
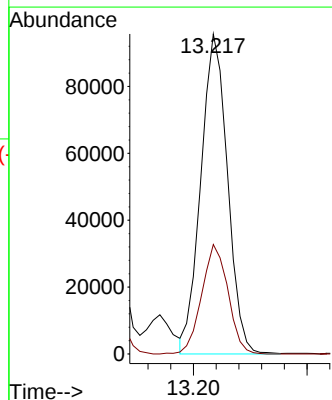
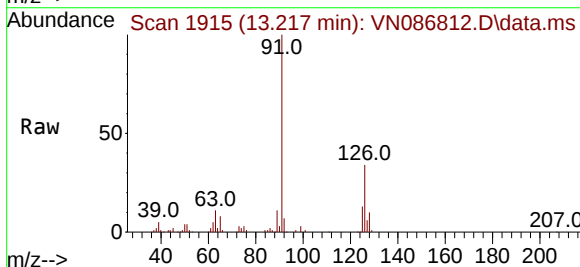
Manual Integrations
APPROVED

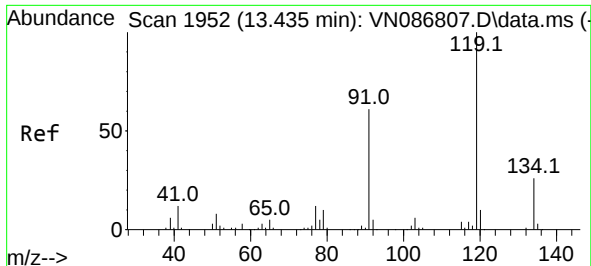
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#78
4-Chlorotoluene
Concen: 19.049 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion: 91 Resp: 155978
Ion Ratio Lower Upper
91 100
126 33.7 0.0 66.6





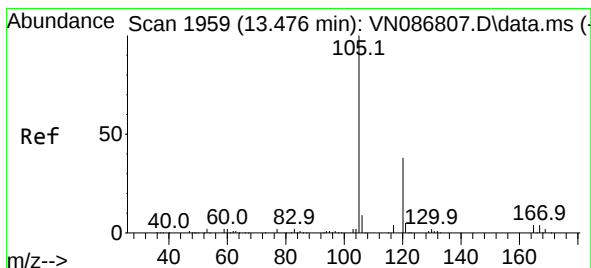
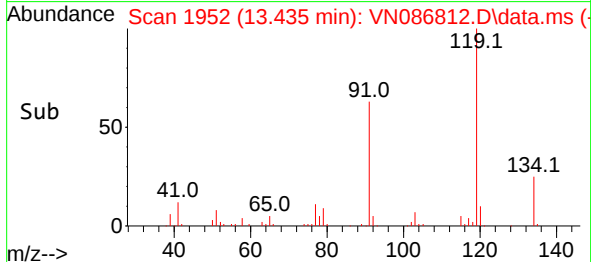
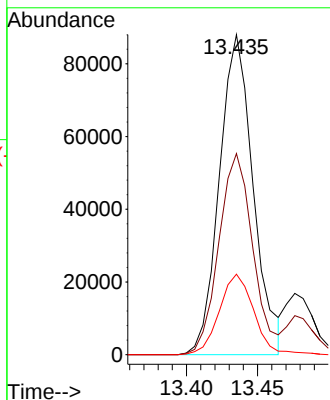
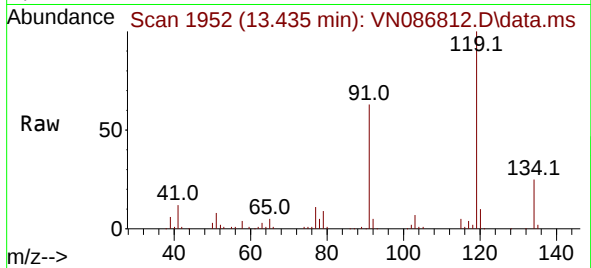
#79
tert-butylbenzene
Concen: 18.642 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Instrument :
MSVOA_N
ClientSampleId :
ICVVN052925

Tgt Ion:119 Resp: 145783
Ion Ratio Lower Upper
119 100
91 63.3 0.0 130.4
134 25.7 0.0 50.6

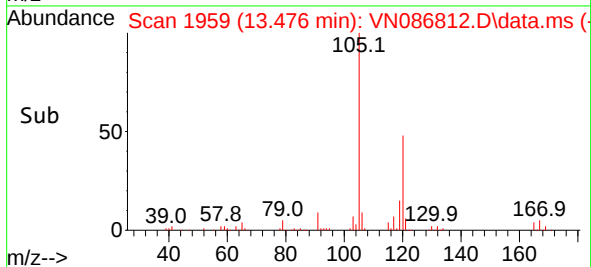
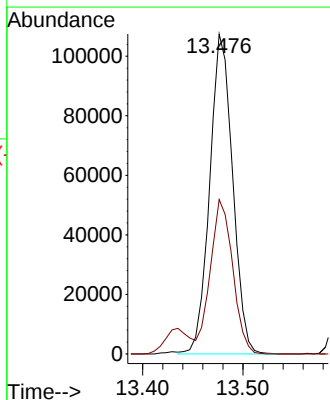
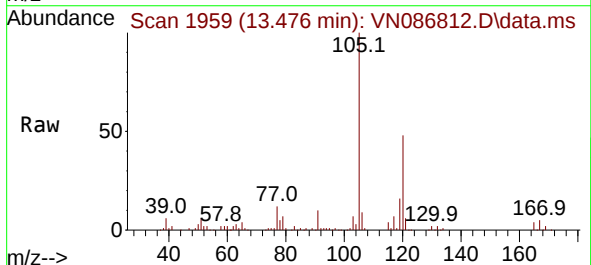
Manual Integrations
APPROVED

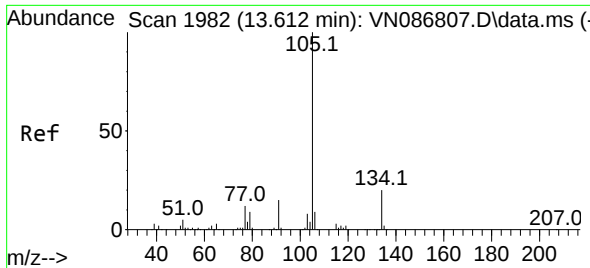
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#80
1,2,4-Trimethylbenzene
Concen: 18.799 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion:105 Resp: 170675
Ion Ratio Lower Upper
105 100
120 47.0 0.0 92.2





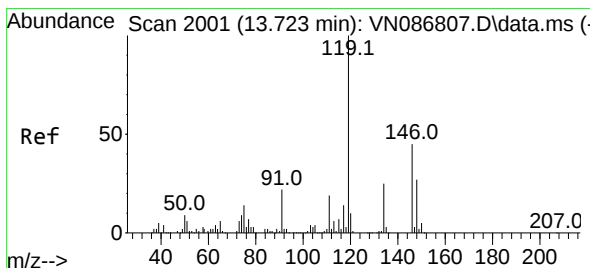
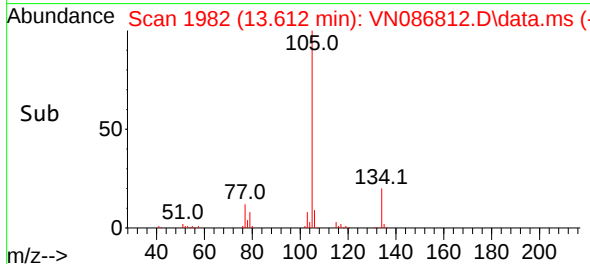
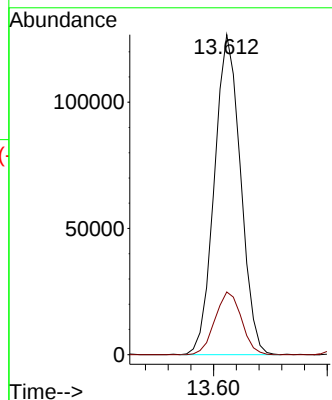
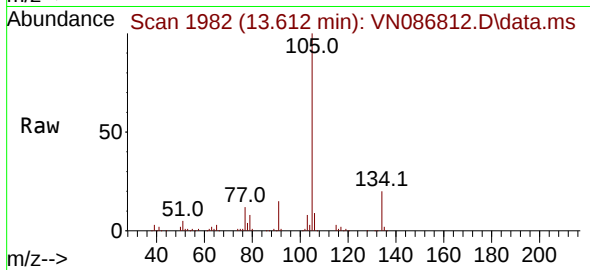
#81
 sec-Butylbenzene
 Concen: 19.027 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086812.D
 Acq: 29 May 2025 13:29

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN052925

Tgt Ion:105 Resp: 20271
 Ion Ratio Lower Upper
 105 100
 134 19.8 0.0 40.0

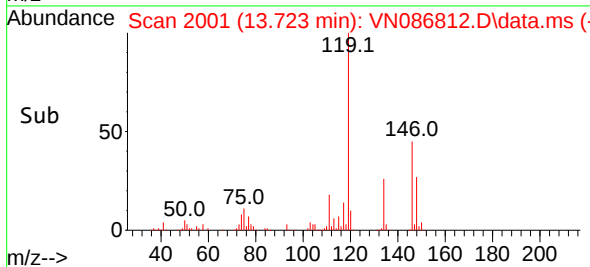
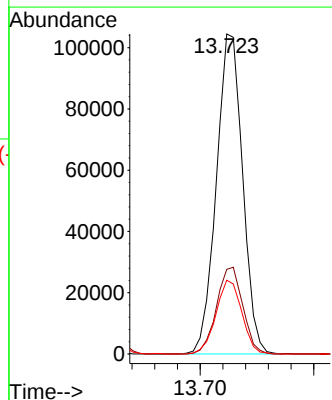
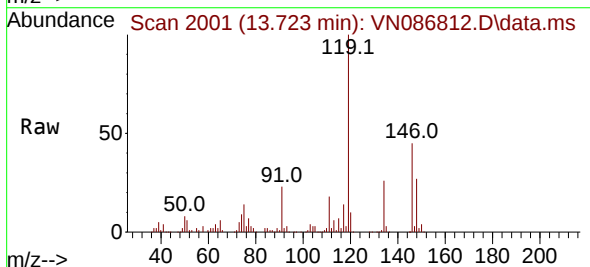
Manual Integrations
 APPROVED

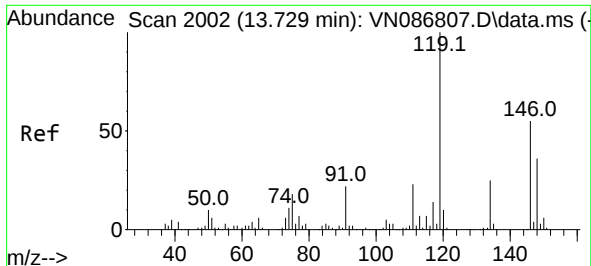
Reviewed By :John Carlone 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025



#82
 p-Isopropyltoluene
 Concen: 18.774 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.000 min
 Lab File: VN086812.D
 Acq: 29 May 2025 13:29

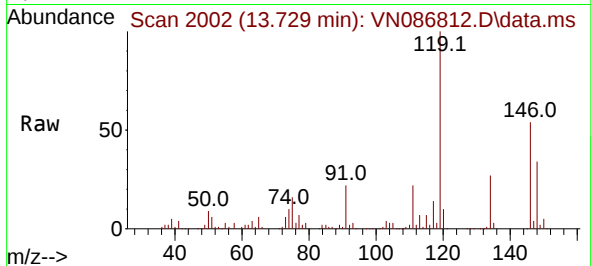
Tgt Ion:119 Resp: 167950
 Ion Ratio Lower Upper
 119 100
 134 27.0 0.0 51.8
 91 22.6 0.0 45.2





#83
 1,3-Dichlorobenzene
 Concen: 19.076 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN086812.D
 Acq: 29 May 2025 13:29

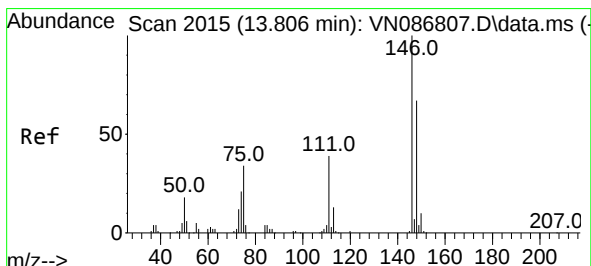
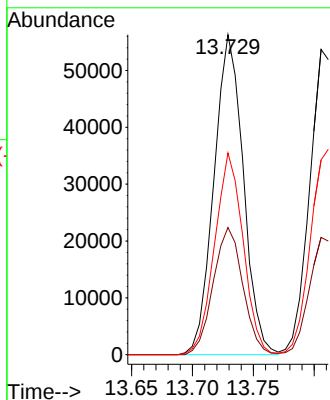
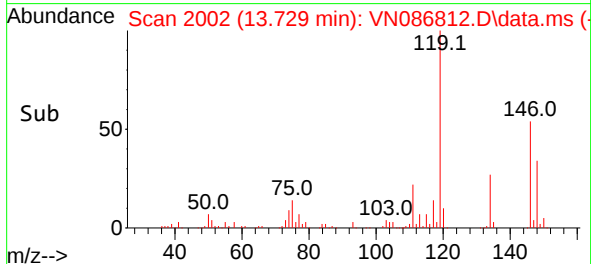
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN052925



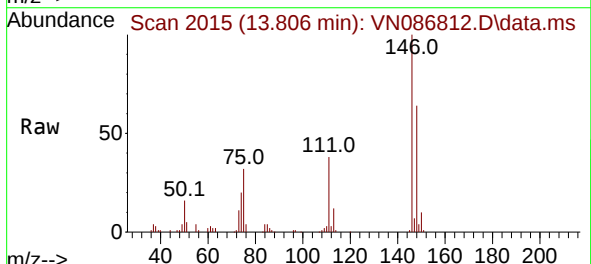
Tgt Ion:146 Resp: 94570
 Ion Ratio Lower Upper
 146 100
 111 40.1 21.1 63.1
 148 61.3 32.1 96.5

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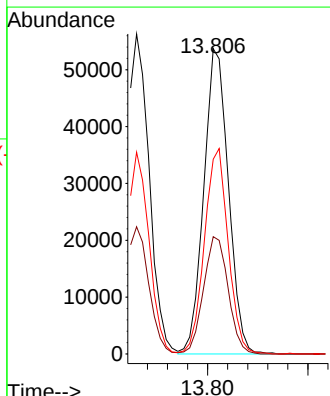
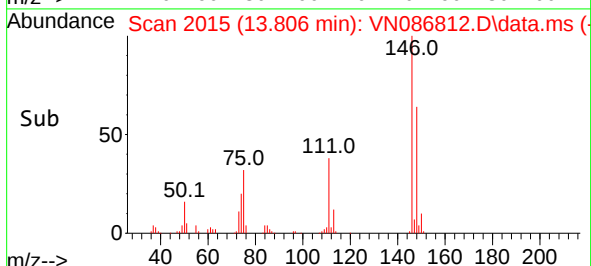
Reviewed By :John Carlone 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025

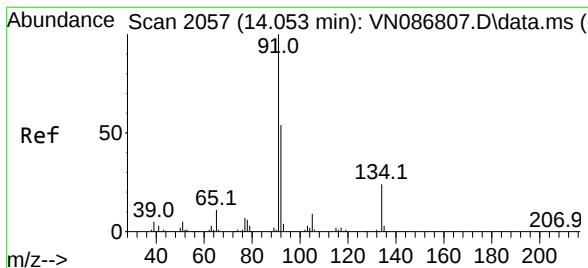


#84
 1,4-Dichlorobenzene
 Concen: 18.598 ug/l
 RT: 13.806 min Scan# 2015
 Delta R.T. -0.000 min
 Lab File: VN086812.D
 Acq: 29 May 2025 13:29



Tgt Ion:146 Resp: 91755
 Ion Ratio Lower Upper
 146 100
 111 38.4 19.8 59.4
 148 65.0 31.9 95.5





#85

n-Butylbenzene

Concen: 18.451 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN086812.D

Acq: 29 May 2025 13:29

Instrument :

MSVOA_N

ClientSampleId :

ICVVN052925

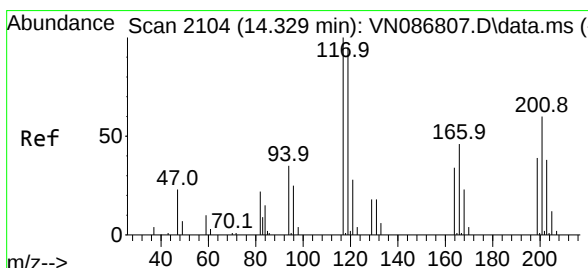
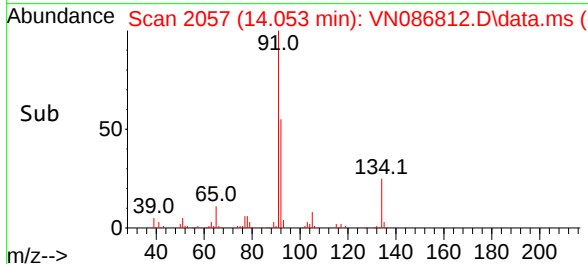
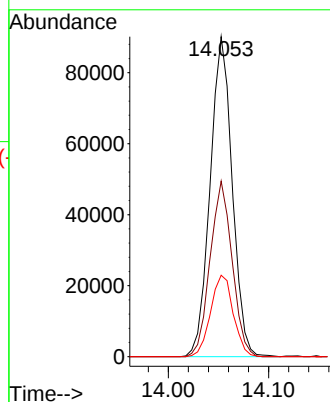
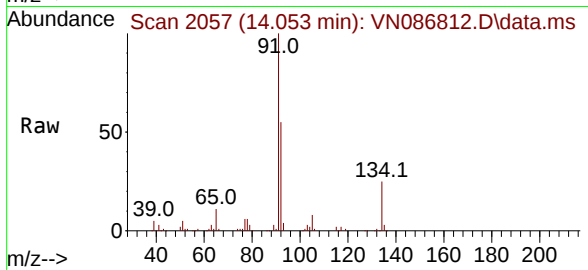
Tgt Ion:	91	Resp:	13818
Ion Ratio	Lower	Upper	
91	100		
92	54.5	0.0	107.6
134	26.1	0.0	50.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2025

Supervised By :Mahesh Dadoda 05/30/2025



#86

Hexachloroethane

Concen: 18.262 ug/l

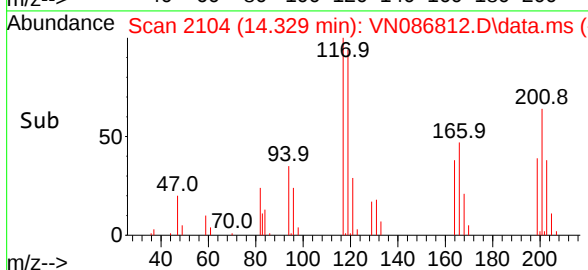
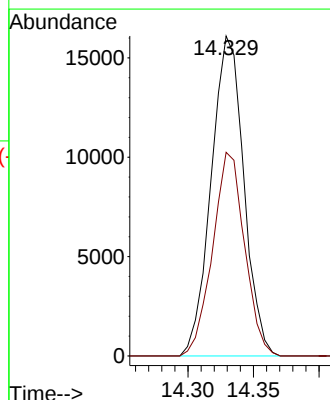
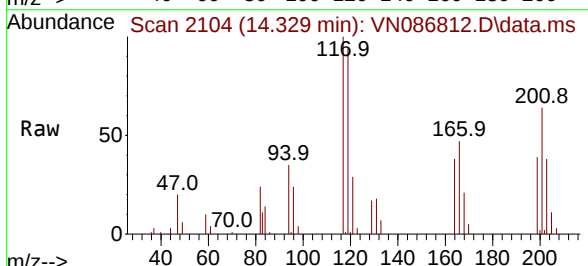
RT: 14.329 min Scan# 2104

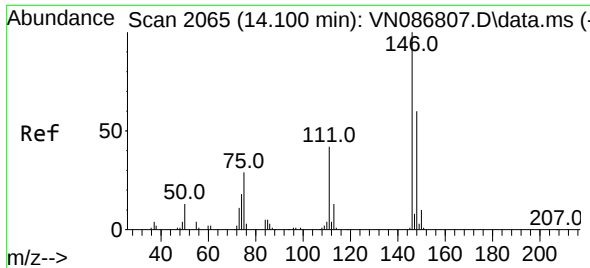
Delta R.T. -0.000 min

Lab File: VN086812.D

Acq: 29 May 2025 13:29

Tgt Ion:	117	Resp:	27843
Ion Ratio	Lower	Upper	
117	100		
201	62.3	31.4	94.3





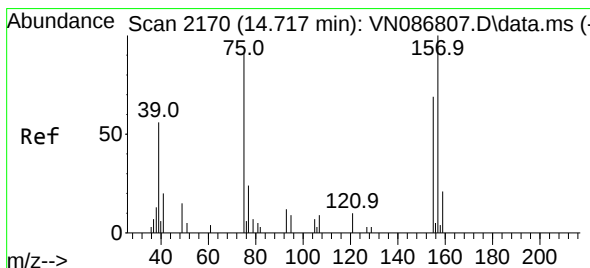
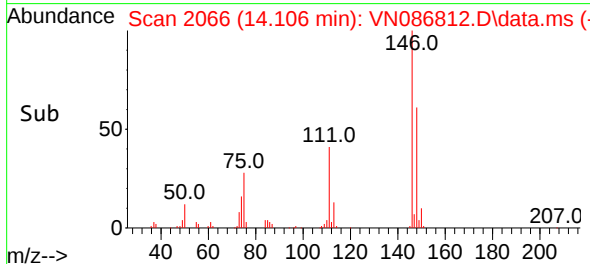
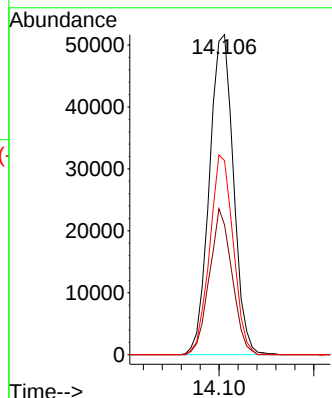
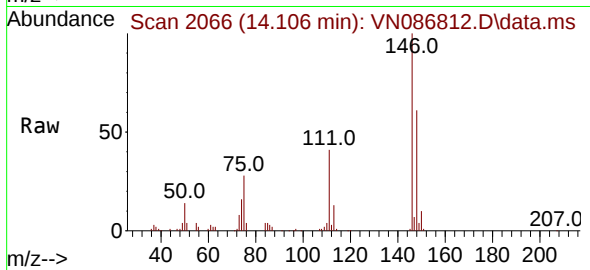
#87
1,2-Dichlorobenzene
Concen: 19.085 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Instrument :
MSVOA_N
ClientSampleId :
ICVVN052925

Tgt Ion:146 Resp: 91269
Ion Ratio Lower Upper
146 100
111 42.6 21.6 64.8
148 60.9 31.6 94.7

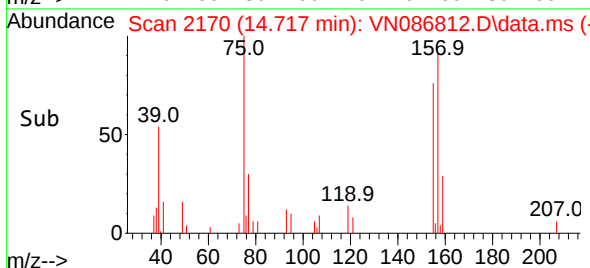
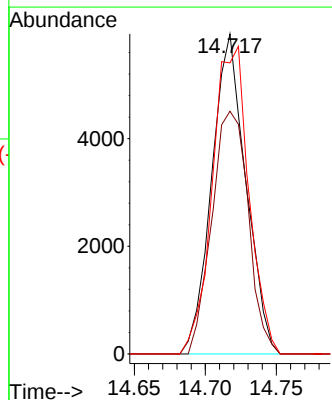
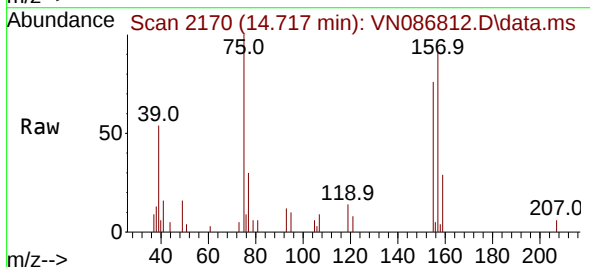
Manual Integrations
APPROVED

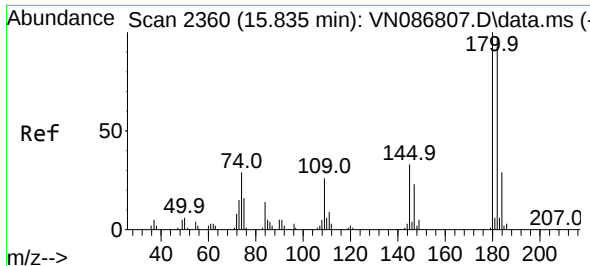
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#88
1,2-Dibromo-3-Chloropropane
Concen: 18.238 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion: 75 Resp: 9928
Ion Ratio Lower Upper
75 100
155 81.0 62.9 94.3
157 102.7 84.0 126.0





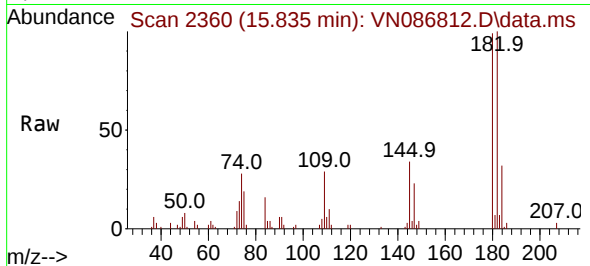
#89
1,2,4-Trichlorobenzene
Concen: 19.135 ug/l
RT: 15.835 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Instrument :

MSVOA_N

ClientSampleId :

ICVVN052925



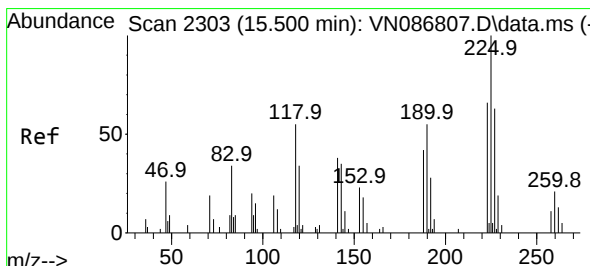
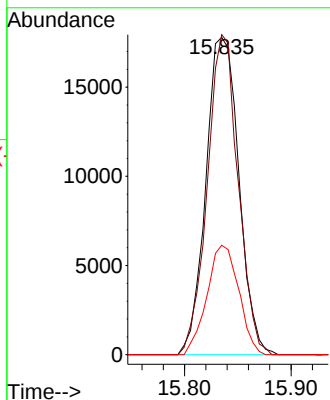
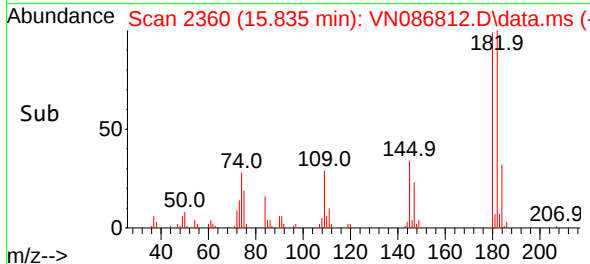
Tgt Ion:180 Resp: 38298
Ion Ratio Lower Upper
180 100
182 94.0 78.2 117.2
145 33.2 28.0 42.0

Manual Integrations

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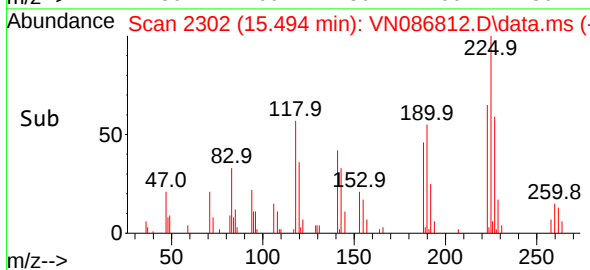
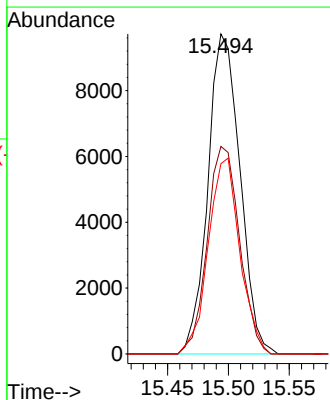
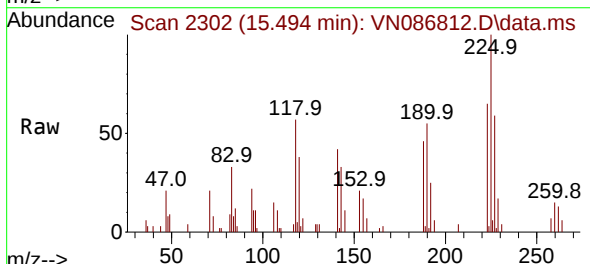
Reviewed By :John Carlone 05/30/2025

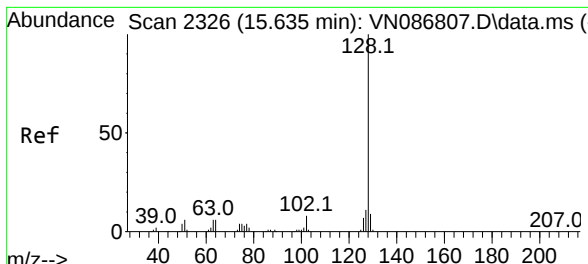
Supervised By :Mahesh Dadoda 05/30/2025



#90
Hexachlorobutadiene
Concen: 20.805 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion:225 Resp: 17847
Ion Ratio Lower Upper
225 100
223 65.2 0.0 135.8
227 60.2 0.0 125.0





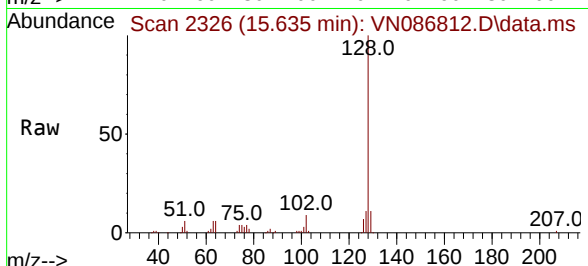
#91
Naphthalene
Concen: 18.317 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Instrument :

MSVOA_N

ClientSampleId :

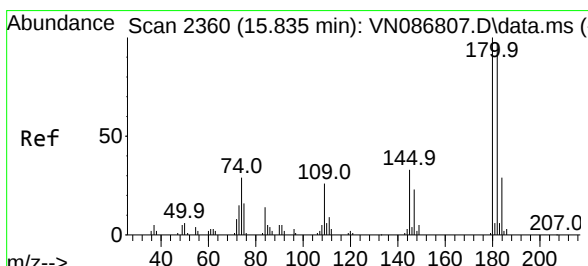
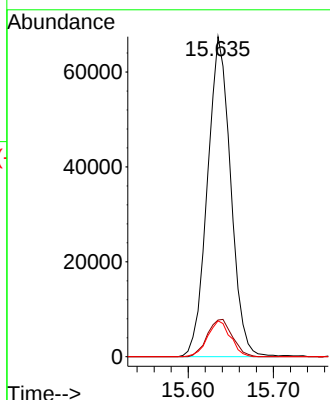
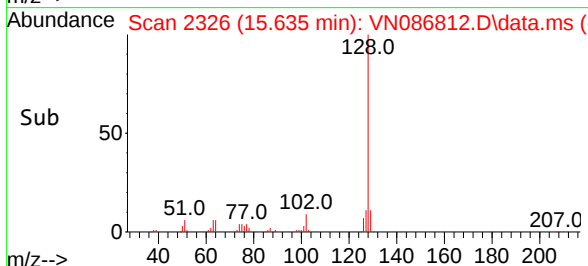
ICVVN052925



Tgt Ion:	128	Resp:	127910
Ion Ratio	Lower	Upper	
128	100		
127	12.5	9.8	14.6
129	11.0	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: 19.135 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion:	180	Resp:	38298
Ion Ratio	Lower	Upper	
180	100		
182	94.0	0.0	195.4
145	33.2	0.0	70.0

