

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062525\
 Data File : VN087170.D
 Acq On : 25 Jun 2025 12:15
 Operator : JC\MD
 Sample : VN0625WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/25/2025
 Supervised By : Mahesh Dadoda 06/26/2025

Quant Time: Jun 25 15:30:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jun 25 10:49:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.824	128	37318	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	209203	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	180451	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	86489	30.760	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.533%			
60) 4-Bromofluorobenzene	12.847	95	93228	33.480	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 111.600%			
63) Toluene-d8	10.565	98	260952	32.207	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 107.367%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.159	85	39176	17.439	ug/l	99
3) Chloromethane	2.395	50	43014	18.747	ug/l	99
4) Vinyl Chloride	2.553	62	44267	17.752	ug/l	95
5) Bromomethane	2.995	94	25125	18.985	ug/l	95
6) Chloroethane	3.153	64	25308	18.919	ug/l	100
7) Trichlorofluoromethane	3.524	101	56428	18.448	ug/l	99
8) Diethyl Ether	3.983	74	27606	18.370	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.394	101	40795	17.989	ug/l #	86
10) 1,1-Dichloroethene	4.371	96	40391	17.868	ug/l	97
11) Methyl Iodide	4.618	142	32563	16.079	ug/l	97
12) Methyl Acetate	5.047	43	70684	19.934	ug/l	97
13) Acrolein	4.200	56	54457	99.948	ug/l	100
14) Acrylonitrile	5.736	53	161948	97.916	ug/l	99
15) Acetone	4.453	58	43711	90.601	ug/l	90
16) Carbon Disulfide	4.741	76	116391	17.610	ug/l	99
17) Allyl chloride	5.041	41	66373	17.801	ug/l	93
18) Methylene Chloride	5.306	84	48895	18.671	ug/l	97
19) trans-1,2-Dichloroethene	5.812	96	44585	18.035	ug/l	98
20) Diisopropyl ether	6.683	45	148910	18.824	ug/l	98
21) 1,1-Dichloroethane	6.588	63	86560	18.308	ug/l	97
22) cis-1,2-Dichloroethene	7.500	96	54232	18.849	ug/l	99
23) tert-Butyl Alcohol	5.541	59	66780	107.361	ug/l #	100
24) Methyl tert-Butyl Ether	5.812	73	153435	19.353	ug/l	98
25) Chloroform	7.971	83	85829	18.949	ug/l	98
26) Cyclohexane	8.265	56	70558	17.954	ug/l #	96
29) 1,1-Dichloropropene	8.377	75	60295	18.491	ug/l	99
30) 2-Butanone	7.494	43	223696	101.701	ug/l	99
31) 2,2-Dichloropropane	7.500	77	71863	18.258	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	70404	18.482	ug/l	99
33) Carbon Tetrachloride	8.365	117	58277	18.179	ug/l	96
34) Benzene	8.612	78	194165	18.796	ug/l	97
35) Methacrylonitrile	7.788	41	42861	19.336	ug/l	94
36) 1,2-Dichloroethane	8.677	62	65820	19.721	ug/l	98
37) Trichloroethene	9.359	130	42420	17.803	ug/l	98
38) Methylcyclohexane	9.606	83	69281	18.518	ug/l	98
39) 1,2-Dichloropropane	9.623	63	49805	19.209	ug/l	100
40) Dibromomethane	9.718	93	34548	19.596	ug/l	97
41) Bromodichloromethane	9.888	83	68025	19.116	ug/l	98
42) Vinyl Acetate	6.618	43	691543	96.665	ug/l	99

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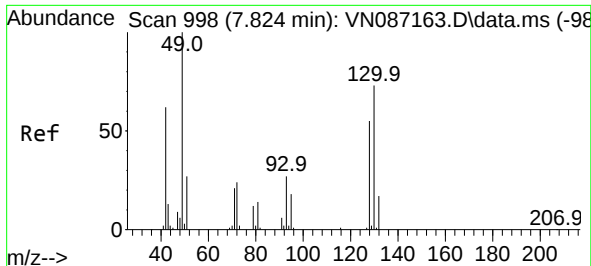
Manual Integrations
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 Supervised By : Mahesh Dadoda 06/26/2025

Quant Time: Jun 25 15:30:31 2025
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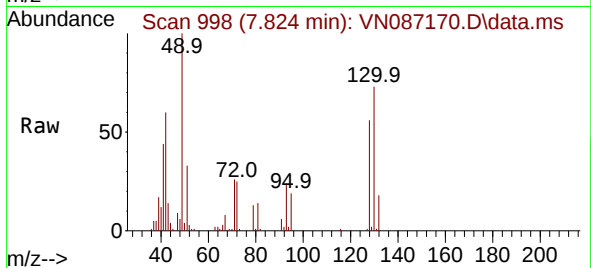
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.571	43	83320	20.984	ug/l	99
44) Isopropyl Acetate	8.694	43	128122	19.805	ug/l	100
45) 1,4-Dioxane	9.700	88	20338	464.739	ug/l	96
46) Methyl methacrylate	9.682	41	57629	19.162	ug/l	99
47) n-amyl Acetate	12.535	43	67160m	16.980	ug/l	
48) t-1,3-Dichloropropene	10.841	75	75174	18.949	ug/l	100
49) cis-1,3-Dichloropropene	10.312	75	79766	18.914	ug/l	98
50) 1,1,2-Trichloroethane	11.018	97	44345	17.707	ug/l	95
51) Ethyl methacrylate	10.882	69	70444	18.481	ug/l	98
52) 1,3-Dichloropropane	11.165	76	77957	18.131	ug/l	97
53) Dibromochloromethane	11.359	129	46151	17.555	ug/l	98
54) 1,2-Dibromoethane	11.470	107	45669	17.675	ug/l	100
55) 2-Chloroethyl vinyl ether	10.165	63	192822	88.252	ug/l	99
56) Bromoform	12.576	173	33621	18.604	ug/l	99
58) 4-Methyl-2-Pentanone	10.447	43	400949	110.523	ug/l	97
59) 2-Hexanone	11.206	43	227516	97.124	ug/l	96
61) Tetrachloroethene	11.106	164	32746	18.324	ug/l	94
62) Toluene	10.629	91	198824	19.509	ug/l	97
64) Chlorobenzene	11.894	112	121984	18.764	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.959	131	40623	18.912	ug/l	98
66) Ethyl Benzene	11.965	91	206364	18.499	ug/l	99
67) m/p-Xylenes	12.070	106	165296	38.668	ug/l	98
68) o-Xylene	12.400	106	81950	20.094	ug/l	99
69) Styrene	12.412	104	140375	20.049	ug/l	99
70) Isopropylbenzene	12.694	105	207243	20.404	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.935	83	78100	21.362	ug/l	97
72) 1,2,3-Trichloropropane	12.994	75	69027m	21.895	ug/l	
73) Bromobenzene	12.982	156	50726	20.588	ug/l	97
74) n-propylbenzene	13.035	91	255752	20.611	ug/l	99
75) 2-Chlorotoluene	13.123	91	154017	20.545	ug/l	99
76) 1,3,5-Trimethylbenzene	13.170	105	169792	20.535	ug/l	100
77) t-1,4-Dichloro-2-butene	12.735	75	29108	20.814	ug/l	98
78) 4-Chlorotoluene	13.217	91	161663	21.056	ug/l	100
79) tert-butylbenzene	13.435	119	147407	21.208	ug/l	96
80) 1,2,4-Trimethylbenzene	13.482	105	171579	20.665	ug/l	100
81) sec-Butylbenzene	13.617	105	211519	20.935	ug/l	99
82) p-Isopropyltoluene	13.729	119	177338	21.091	ug/l	99
83) 1,3-Dichlorobenzene	13.729	146	97602	20.571	ug/l	99
84) 1,4-Dichlorobenzene	13.811	146	99274	20.790	ug/l	99
85) n-Butylbenzene	14.053	91	164251	21.410	ug/l	99
86) Hexachloroethane	14.329	117	32388	20.349	ug/l	96
87) 1,2-Dichlorobenzene	14.106	146	92801	20.744	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.723	75	17227	20.926	ug/l	94
89) 1,2,4-Trichlorobenzene	15.841	180	47867	18.912	ug/l	99
90) Hexachlorobutadiene	15.494	225	16048	21.367	ug/l	93
91) Naphthalene	15.635	128	186560	18.729	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	47867	18.912	ug/l	99

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN087170.D
Acq: 25 Jun 2025 12:15

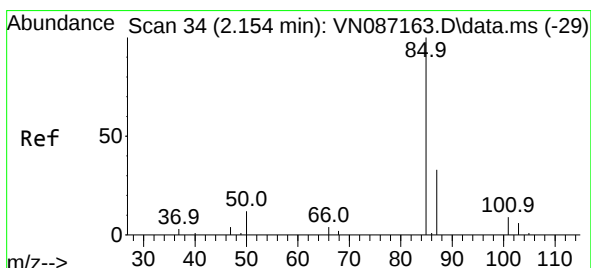
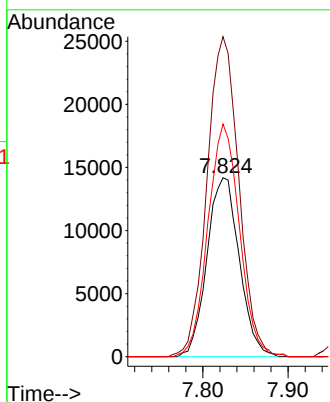
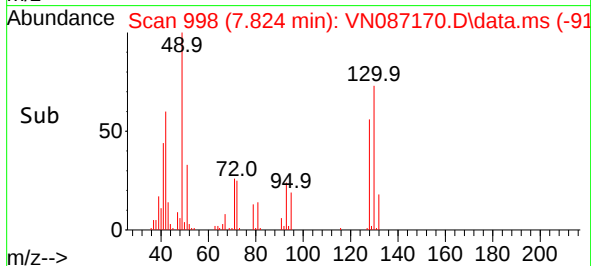
Instrument :
MSVOA_N
Client Sample Id :
VN0625WBSD01



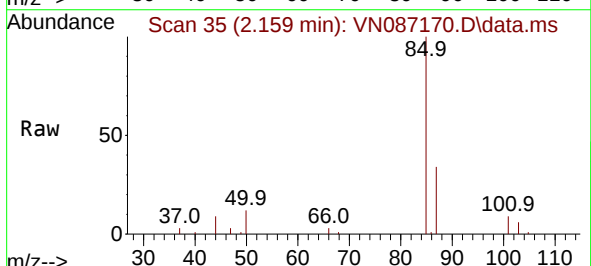
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Ion Ratio Lower Upper
128 100
49 176.3 0.0 450.5
130 127.1 0.0 320.7

Manual Integrations
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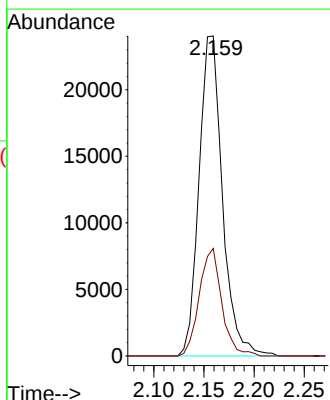
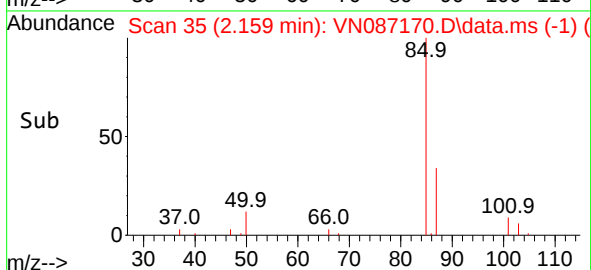
Reviewed By : John Carlone 06/25/2025
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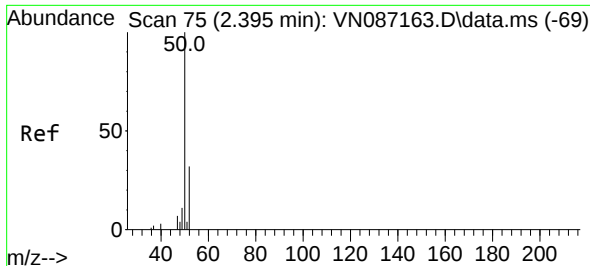


#2
Dichlorodifluoromethane
Concen: 17.439 ug/l
RT: 2.159 min Scan# 35
Delta R.T. 0.006 min
Lab File: VN087170.D
Acq: 25 Jun 2025 12:15



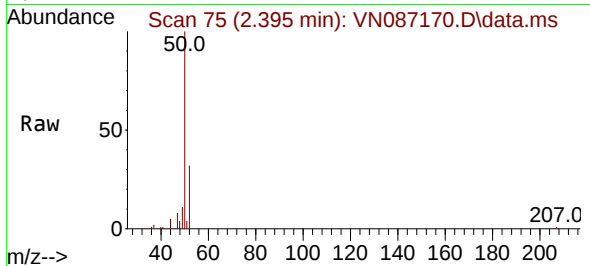
Tgt Ion: 85 Resp: 39176
Ion Ratio Lower Upper
85 100
87 33.6 16.7 50.0





#3
Chloromethane
Concen: 18.747 ug/l
RT: 2.395 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN087170.D
Acq: 25 Jun 2025 12:15

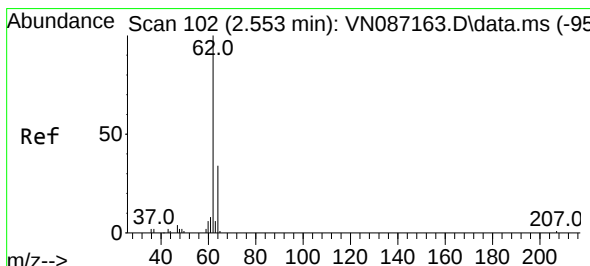
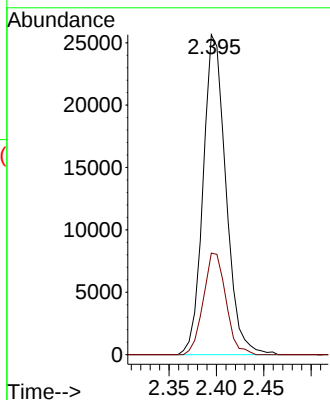
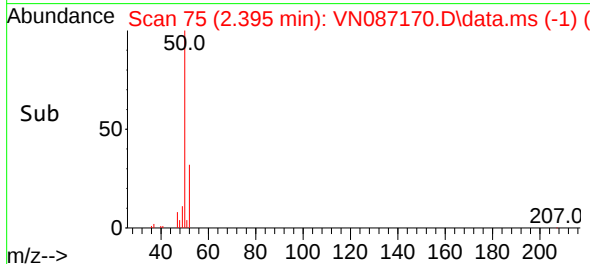
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01



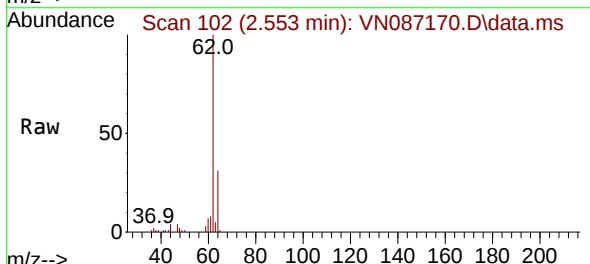
Tgt Ion: 50 Resp: 43014
Ion Ratio Lower Upper
50 100
52 31.8 25.9 38.9

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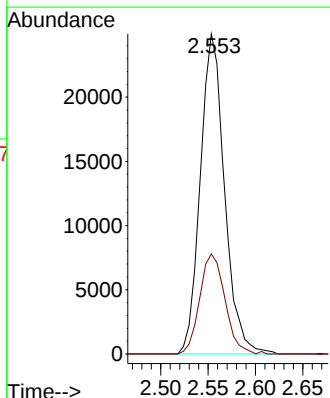
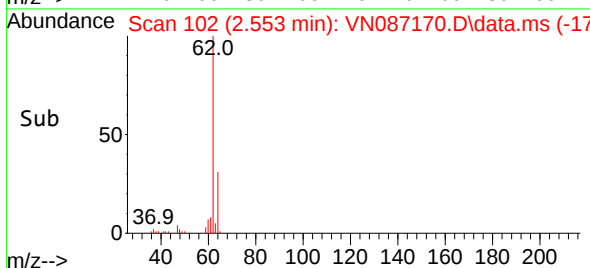
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025

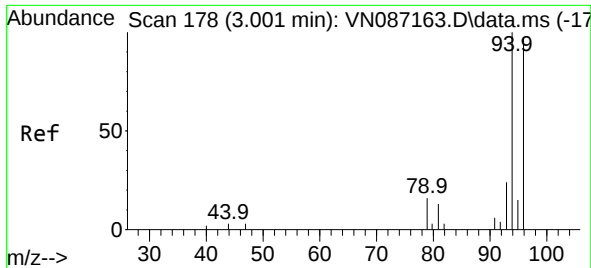


#4
Vinyl Chloride
Concen: 17.752 ug/l
RT: 2.553 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN087170.D
Acq: 25 Jun 2025 12:15



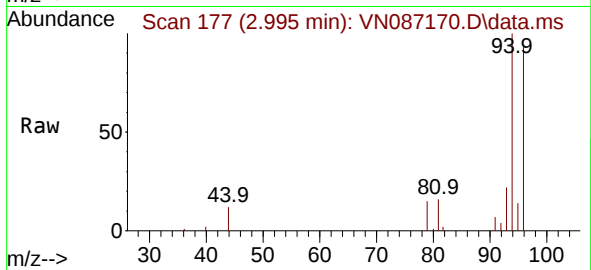
Tgt Ion: 62 Resp: 44267
Ion Ratio Lower Upper
62 100
64 31.3 27.4 41.2





#5
Bromomethane
Concen: 18.985 ug/l
RT: 2.995 min Scan# 177
Delta R.T. -0.006 min
Lab File: VN087170.D
Acq: 25 Jun 2025 12:15

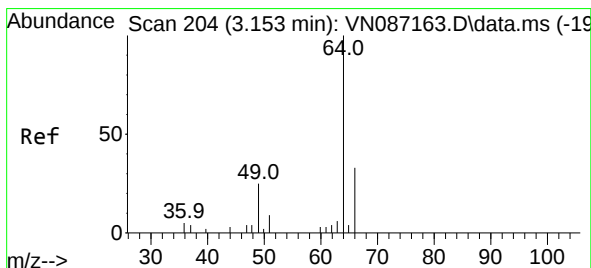
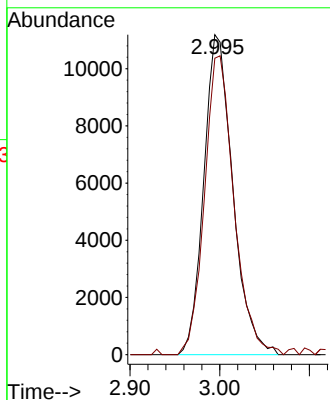
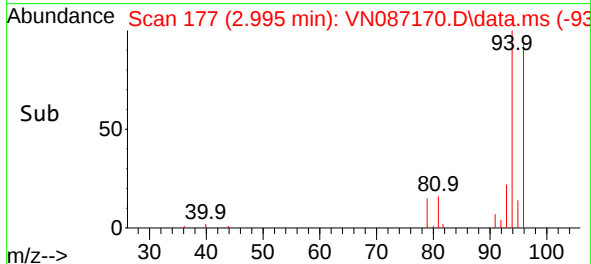
Instrument :
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ClientSampleId :
VN0625WBSD01



Tgt Ion: 94 Resp: 2512
Ion Ratio Lower Upper
94 100
96 92.7 77.9 116.9

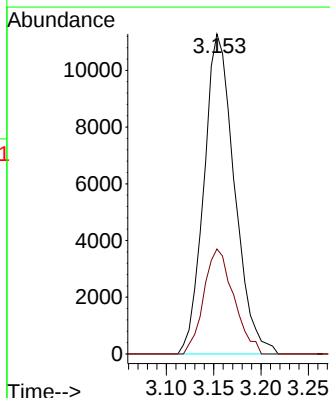
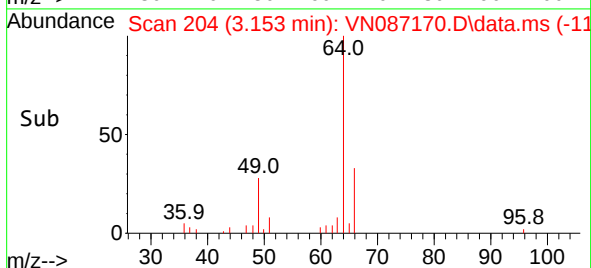
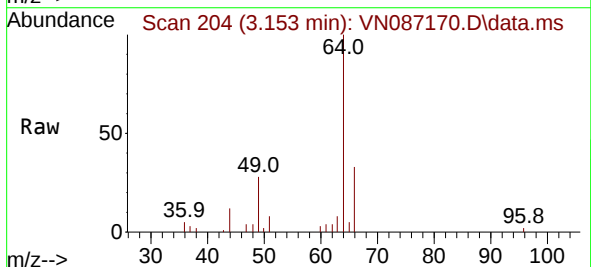
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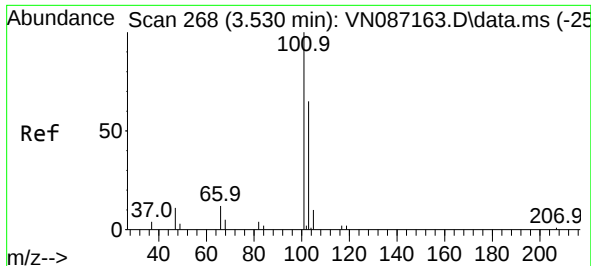
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#6
Chloroethane
Concen: 18.919 ug/l
RT: 3.153 min Scan# 204
Delta R.T. -0.000 min
Lab File: VN087170.D
Acq: 25 Jun 2025 12:15

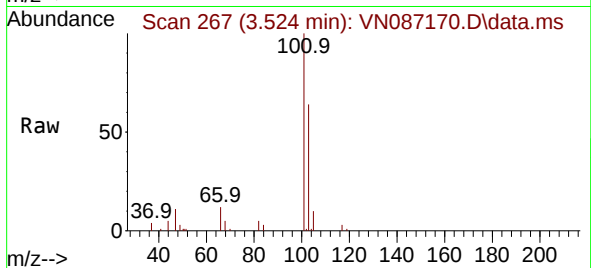
Tgt Ion: 64 Resp: 25308
Ion Ratio Lower Upper
64 100
66 32.8 26.4 39.6





#7
 Trichlorofluoromethane
 Concen: 18.448 ug/l
 RT: 3.524 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN087170.D
 Acq: 25 Jun 2025 12:15

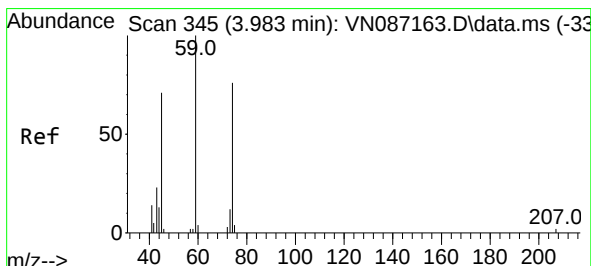
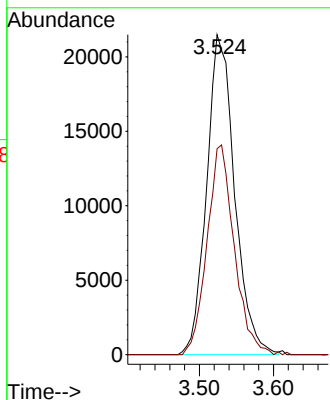
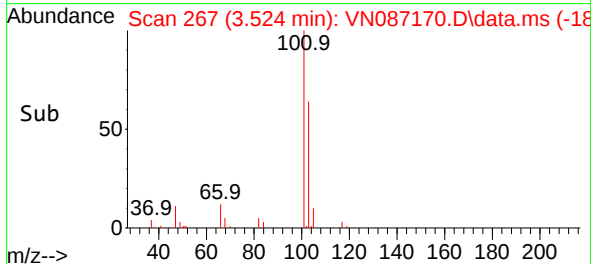
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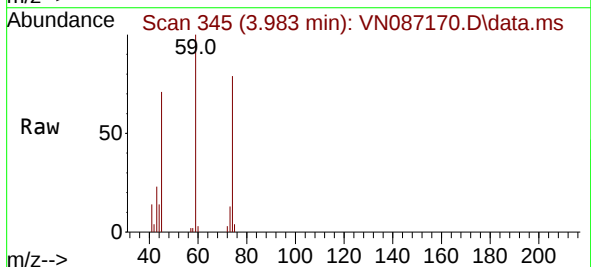
Tgt Ion:101 Resp: 56428
 Ion Ratio Lower Upper
 101 100
 103 64.3 51.8 77.8

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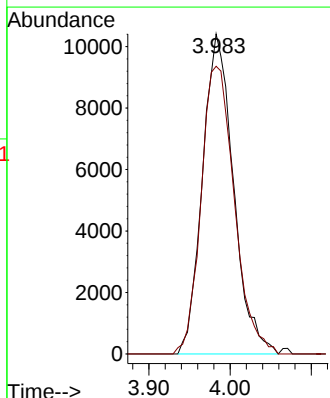
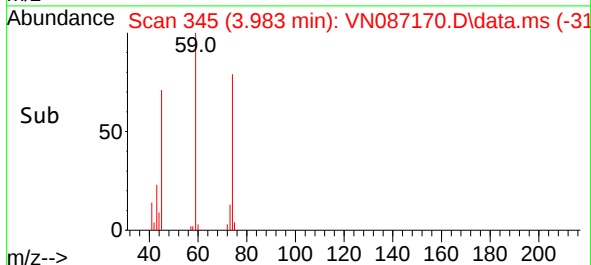
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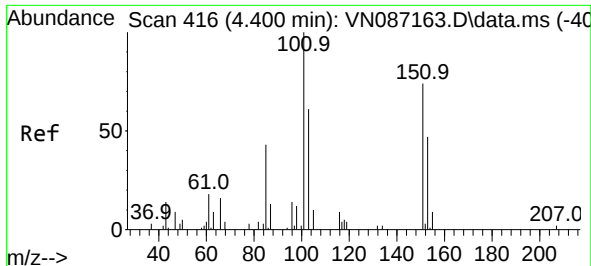


#8
 Diethyl Ether
 Concen: 18.370 ug/l
 RT: 3.983 min Scan# 345
 Delta R.T. -0.000 min
 Lab File: VN087170.D
 Acq: 25 Jun 2025 12:15



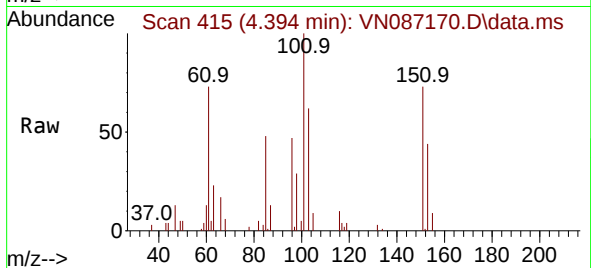
Tgt Ion: 74 Resp: 27606
 Ion Ratio Lower Upper
 74 100
 45 96.4 19.0 171.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.989 ug/l
RT: 4.394 min Scan# 416
Delta R.T. -0.006 min
Lab File: VN087170.D
Acq: 25 Jun 2025 12:15

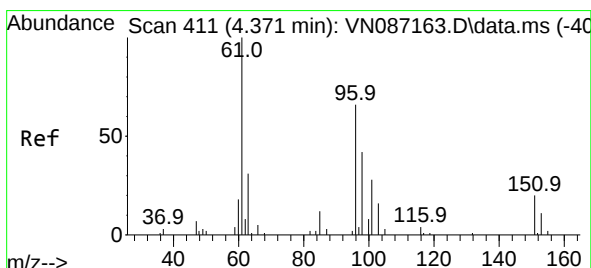
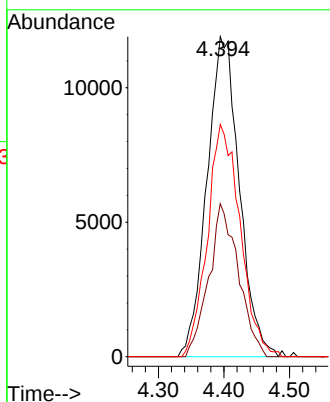
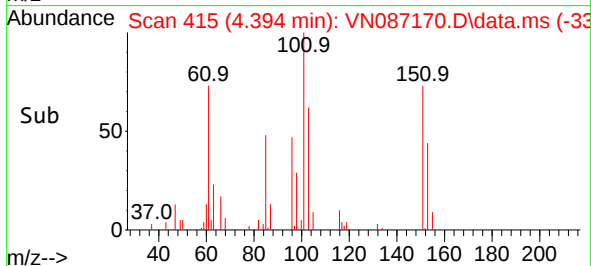
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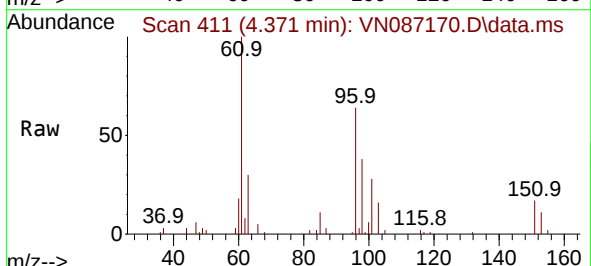
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Ion Ratio Lower Upper
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151 73.2 0.0 141.2

Manual Integrations
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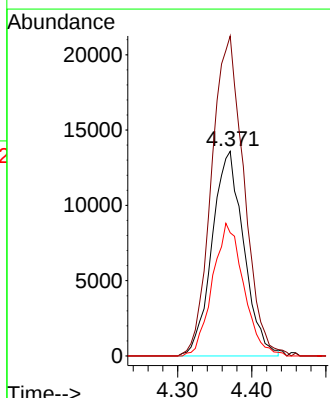
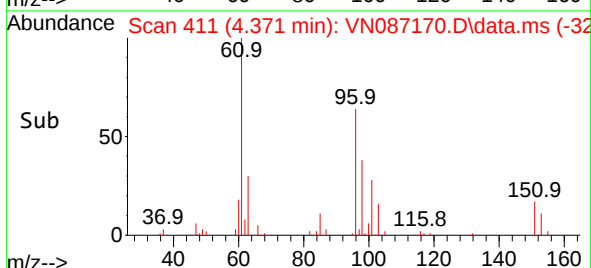
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025

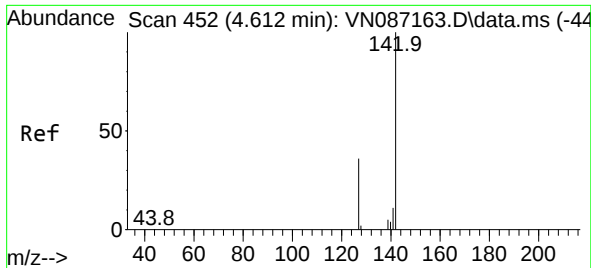


#10
1,1-Dichloroethene
Concen: 17.868 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN087170.D
Acq: 25 Jun 2025 12:15



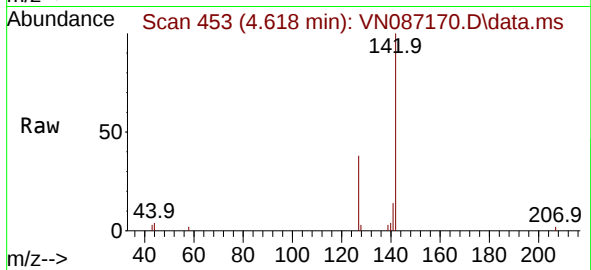
Tgt Ion: 96 Resp: 40391
Ion Ratio Lower Upper
96 100
61 156.3 122.0 183.0
98 60.2 50.3 75.5





#11
Methyl Iodide
Concen: 16.079 ug/l
RT: 4.618 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN087170.D
Acq: 25 Jun 2025 12:15

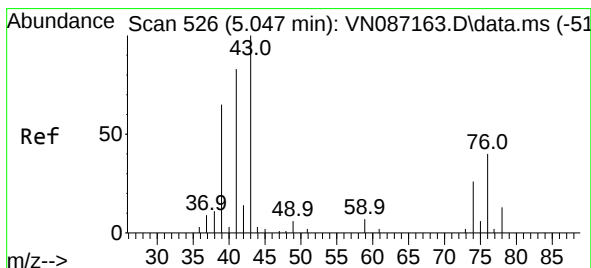
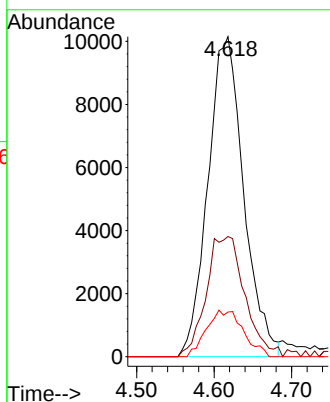
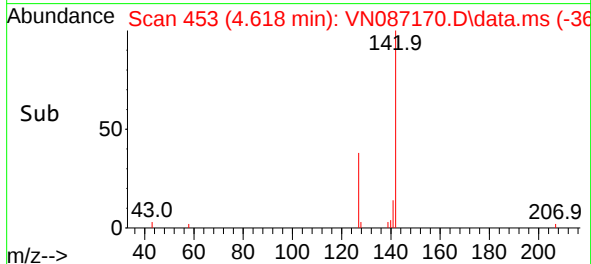
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01



Tgt Ion:142 Resp: 3256
Ion Ratio Lower Upper
142 100
127 36.8 18.1 54.1
141 14.3 5.7 17.1

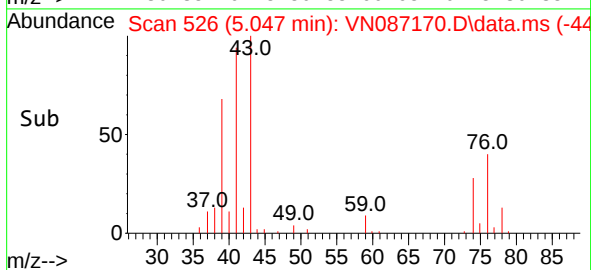
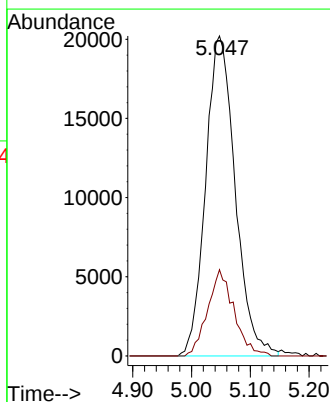
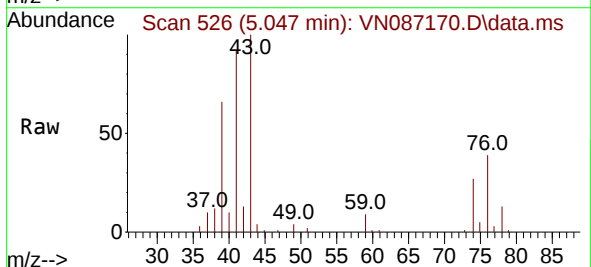
Manual Integrations
APPROVED

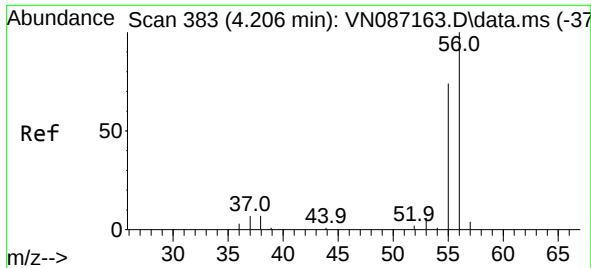
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#12
Methyl Acetate
Concen: 19.934 ug/l
RT: 5.047 min Scan# 526
Delta R.T. -0.000 min
Lab File: VN087170.D
Acq: 25 Jun 2025 12:15

Tgt Ion: 43 Resp: 70684
Ion Ratio Lower Upper
43 100
74 27.1 20.3 30.5





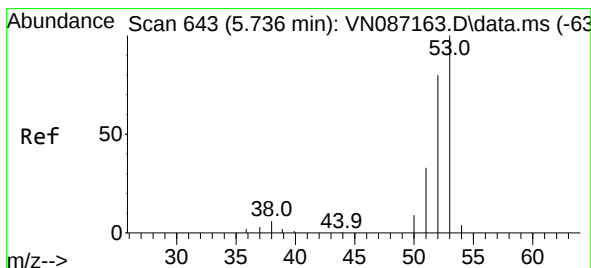
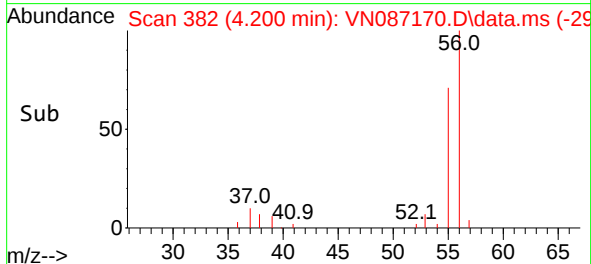
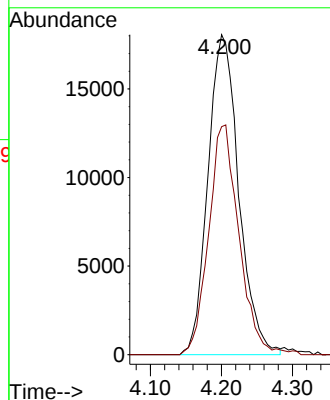
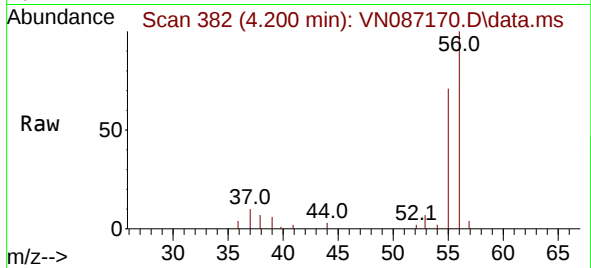
#13
Acrolein
Concen: 99.948 ug/l
RT: 4.200 min Scan# 383
Delta R.T. -0.006 min
Lab File: VN087170.D
Acq: 25 Jun 2025 12:15

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

Tgt Ion: 56 Resp: 5445
Ion Ratio Lower Upper
56 100
55 69.9 55.7 83.5

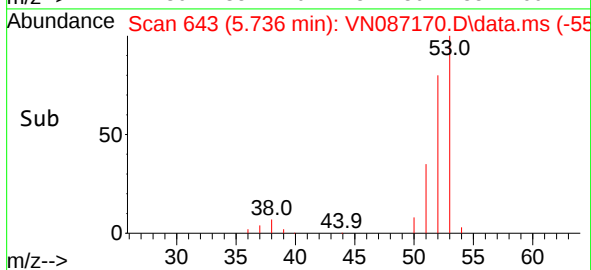
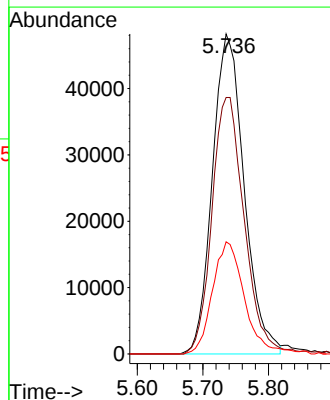
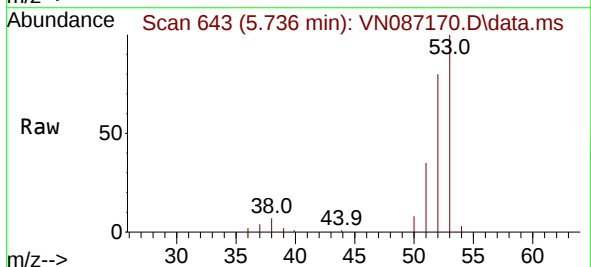
Manual Integrations
APPROVED

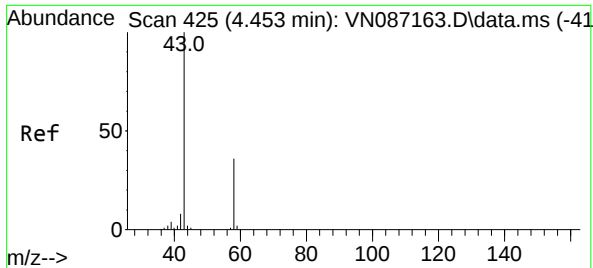
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#14
Acrylonitrile
Concen: 97.916 ug/l
RT: 5.736 min Scan# 643
Delta R.T. -0.000 min
Lab File: VN087170.D
Acq: 25 Jun 2025 12:15

Tgt Ion: 53 Resp: 161948
Ion Ratio Lower Upper
53 100
52 81.1 40.5 121.5
51 35.2 16.9 50.7





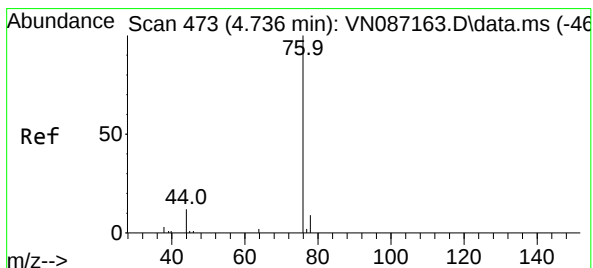
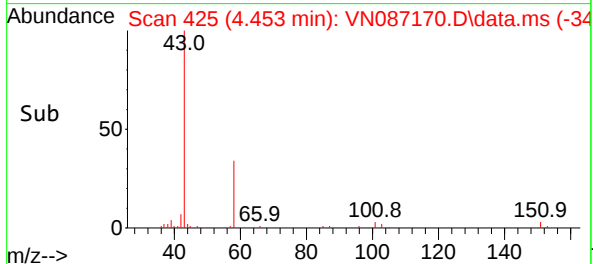
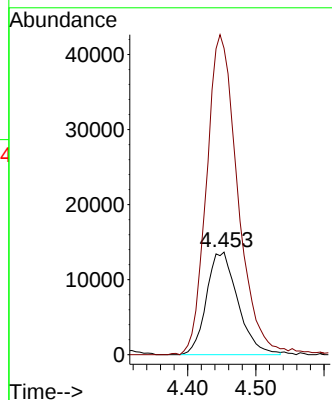
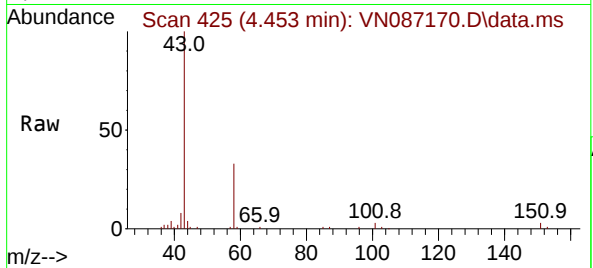
#15
Acetone
Concen: 90.601 ug/l
RT: 4.453 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN087170.D
Acq: 25 Jun 2025 12:15

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

Tgt Ion: 58 Resp: 4371
Ion Ratio Lower Upper
58 100
43 298.8 224.3 336.5

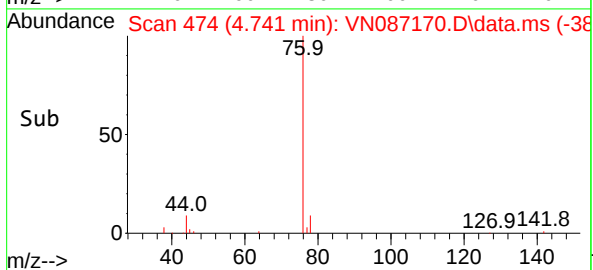
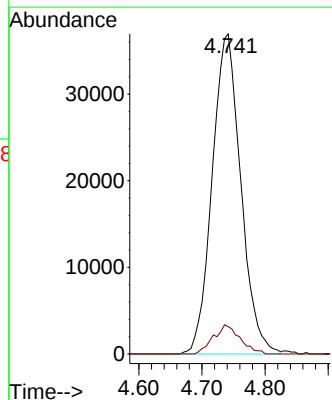
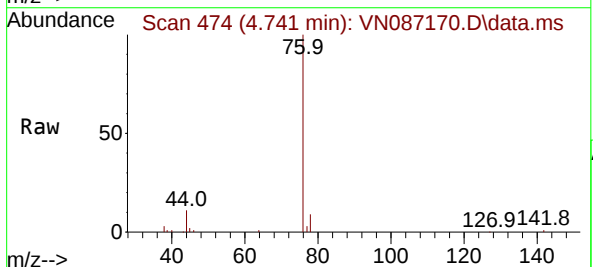
Manual Integrations
APPROVED

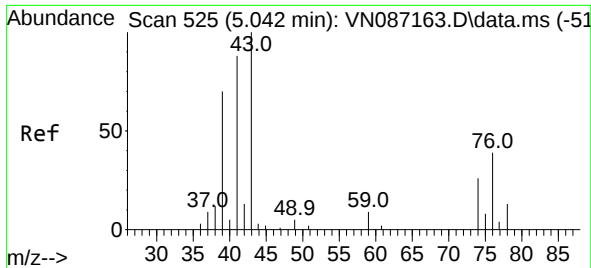
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#16
Carbon Disulfide
Concen: 17.610 ug/l
RT: 4.741 min Scan# 474
Delta R.T. 0.006 min
Lab File: VN087170.D
Acq: 25 Jun 2025 12:15

Tgt Ion: 76 Resp: 116391
Ion Ratio Lower Upper
76 100
78 8.6 7.2 10.8





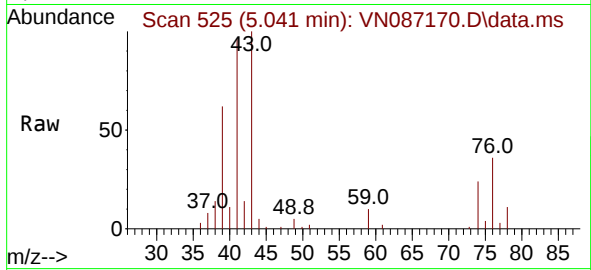
#17
Allyl chloride
Concen: 17.801 ug/l
RT: 5.041 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN087170.D
Acq: 25 Jun 2025 12:15

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD01



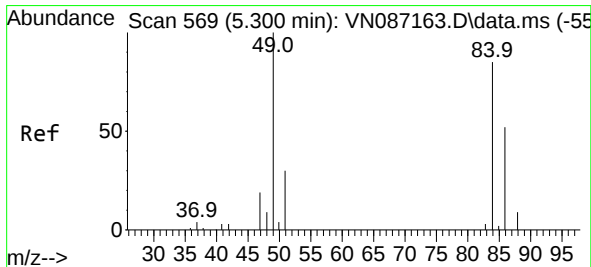
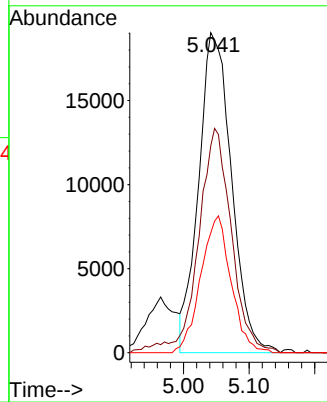
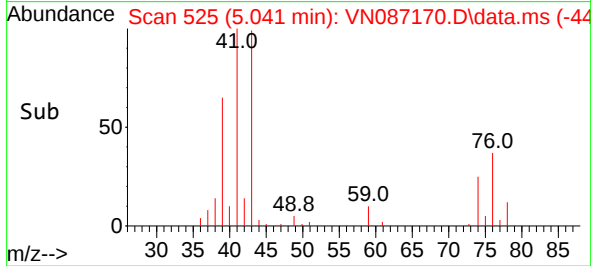
Tgt Ion: 41 Resp: 6637
Ion Ratio Lower Upper
41 100
39 64.6 36.0 108.0
76 37.4 19.5 58.5

Manual Integrations

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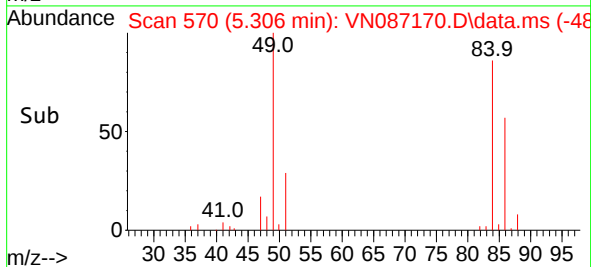
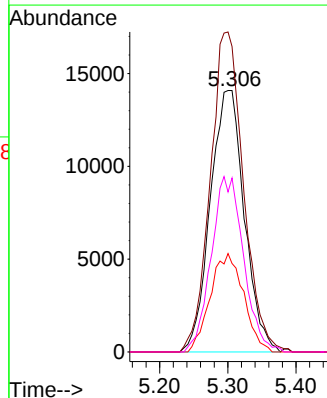
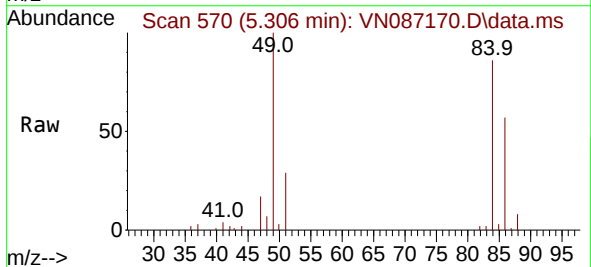
Reviewed By :John Carlone 06/25/2025

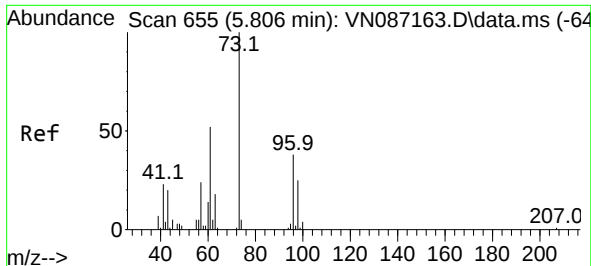
Supervised By :Mahesh Dadoda 06/26/2025



#18
Methylene Chloride
Concen: 18.671 ug/l
RT: 5.306 min Scan# 570
Delta R.T. 0.006 min
Lab File: VN087170.D
Acq: 25 Jun 2025 12:15

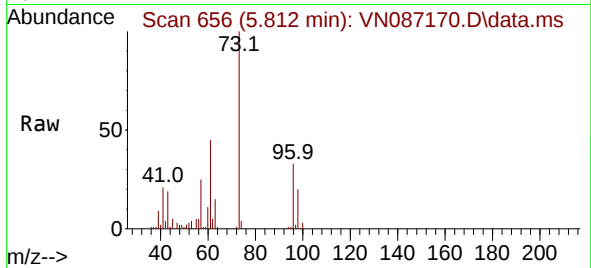
Tgt Ion: 84 Resp: 48895
Ion Ratio Lower Upper
84 100
49 116.8 94.0 141.0
51 33.8 28.3 42.5
86 66.5 48.8 73.2





#19
trans-1,2-Dichloroethene
Concen: 18.035 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087170.D
Acq: 25 Jun 2025 12:15

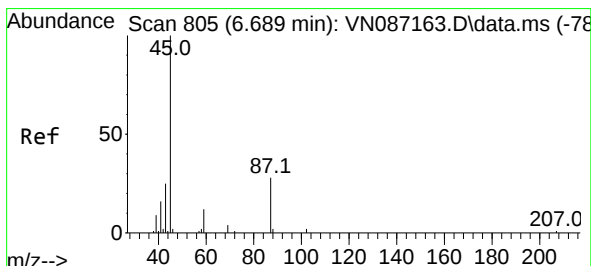
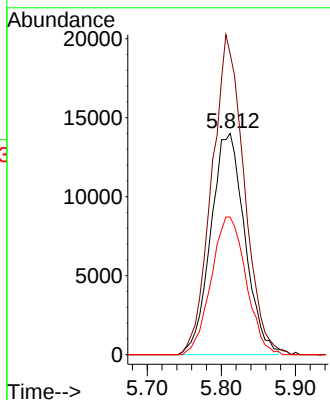
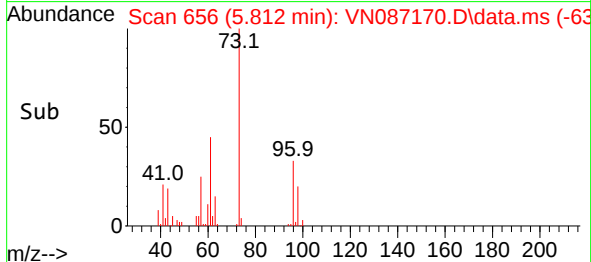
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01



Tgt Ion: 96 Resp: 4458
Ion Ratio Lower Upper
96 100
61 135.9 110.3 165.5
98 62.2 51.6 77.4

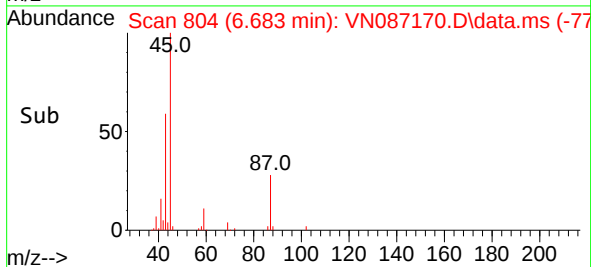
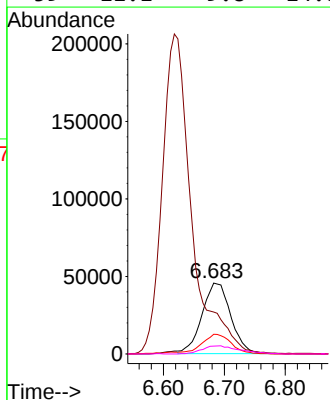
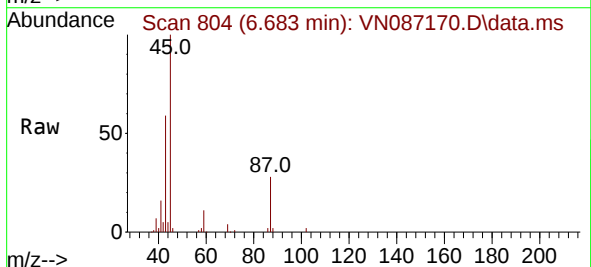
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#20
Diisopropyl ether
Concen: 18.824 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.006 min
Lab File: VN087170.D
Acq: 25 Jun 2025 12:15

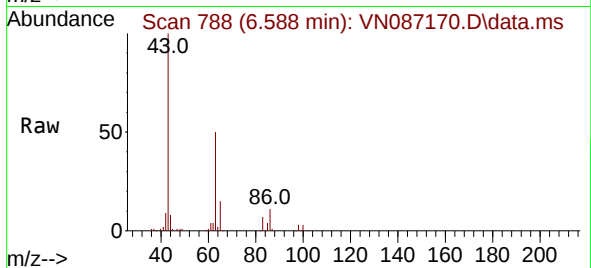
Tgt Ion: 45 Resp: 148910
Ion Ratio Lower Upper
45 100
43 58.6 45.3 67.9
87 28.0 22.6 33.8
59 11.1 9.8 14.8





#21
1,1-Dichloroethane
Concen: 18.308 ug/l
RT: 6.588 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN087170.D
Acq: 25 Jun 2025 12:15

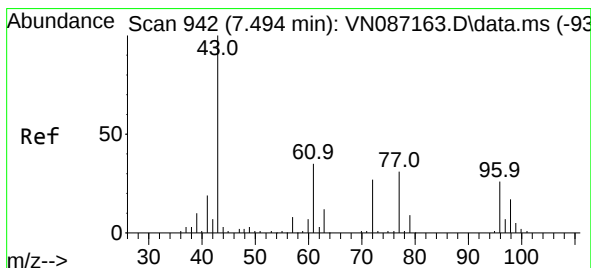
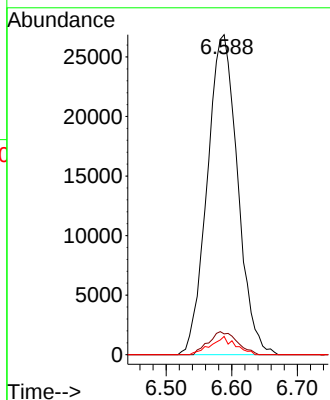
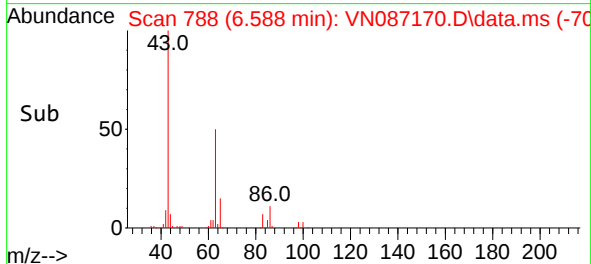
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01



Tgt Ion: 63 Resp: 86560
Ion Ratio Lower Upper
63 100
98 6.5 3.5 10.4
100 5.7 2.0 5.8

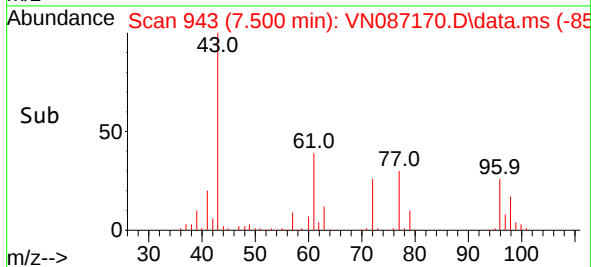
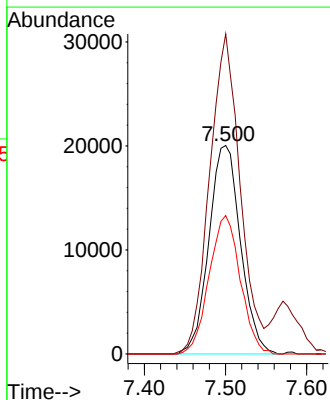
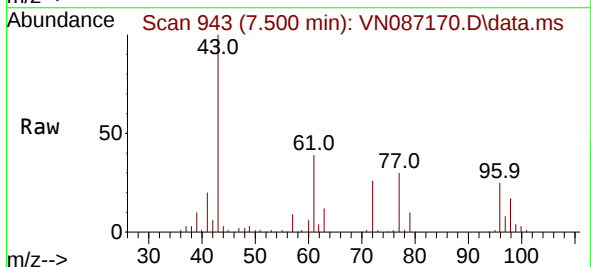
Manual Integrations
APPROVED

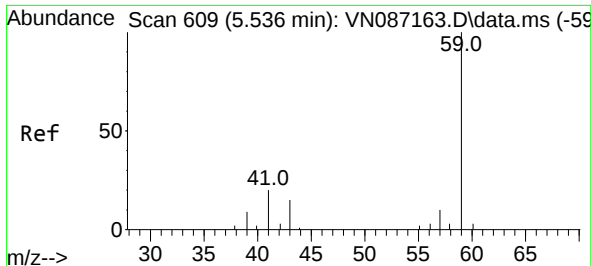
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#22
cis-1,2-Dichloroethene
Concen: 18.849 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN087170.D
Acq: 25 Jun 2025 12:15

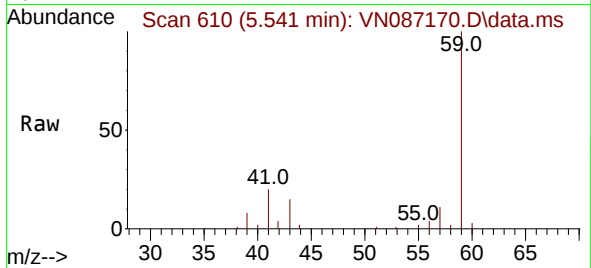
Tgt Ion: 96 Resp: 54232
Ion Ratio Lower Upper
96 100
61 148.2 119.2 178.8
98 65.4 50.6 75.8





#23
tert-Butyl Alcohol
Concen: 107.361 ug/l
RT: 5.541 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN087170.D
Acq: 25 Jun 2025 12:15

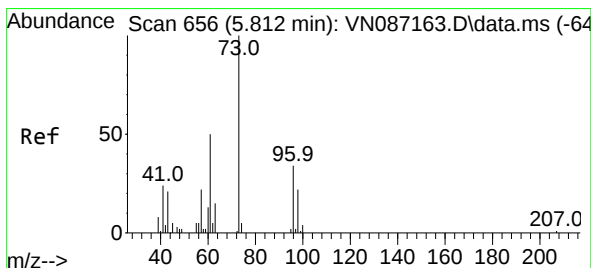
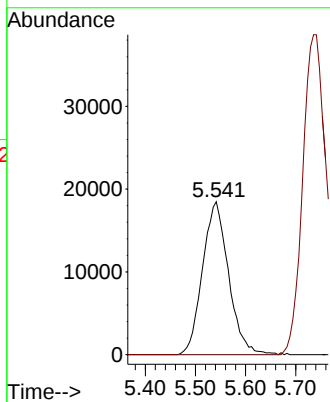
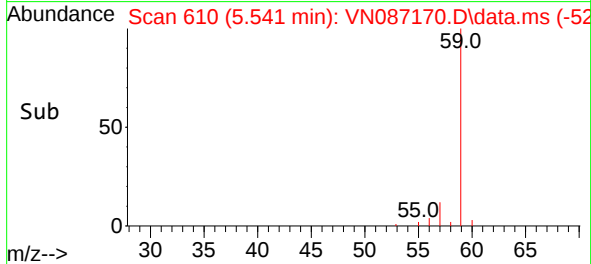
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01



Tgt Ion: 59 Resp: 66780
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

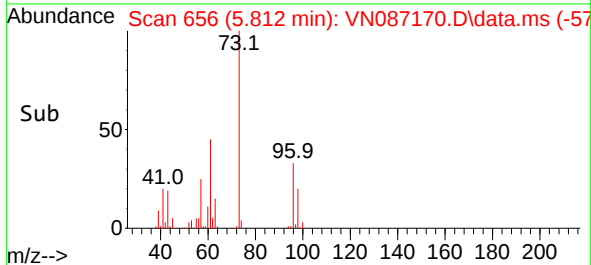
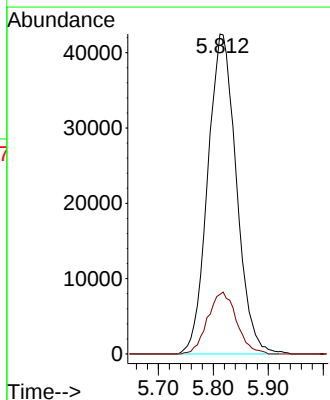
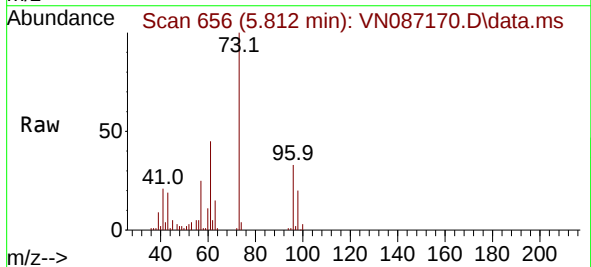
Manual Integrations
APPROVED

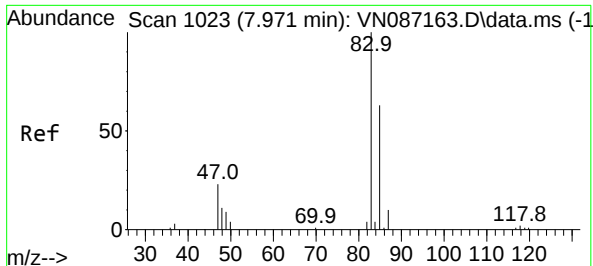
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#24
Methyl tert-Butyl Ether
Concen: 19.353 ug/l
RT: 5.812 min Scan# 656
Delta R.T. -0.000 min
Lab File: VN087170.D
Acq: 25 Jun 2025 12:15

Tgt Ion: 73 Resp: 153435
Ion Ratio Lower Upper
73 100
43 19.5 16.4 24.6





#25

Chloroform

Concen: 18.949 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.000 min

Lab File: VN087170.D

Acq: 25 Jun 2025 12:15

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD01

Tgt Ion: 83 Resp: 85829

Ion Ratio Lower Upper

83 100

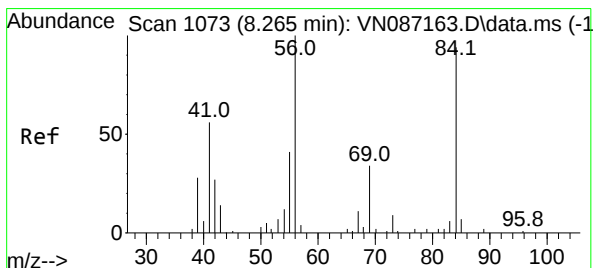
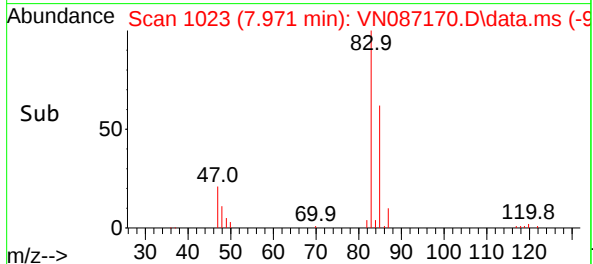
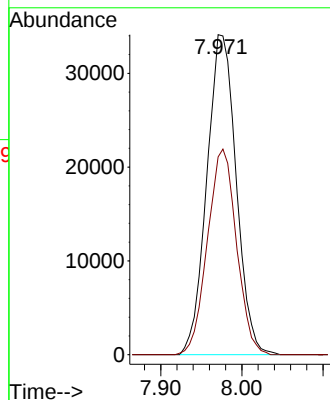
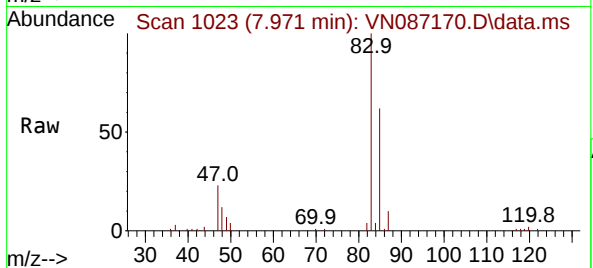
85 61.8 50.7 76.1

Manual Integrations

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Reviewed By :John Carlone 06/25/2025

Supervised By :Mahesh Dadoda 06/26/2025



#26

Cyclohexane

Concen: 17.954 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. -0.000 min

Lab File: VN087170.D

Acq: 25 Jun 2025 12:15

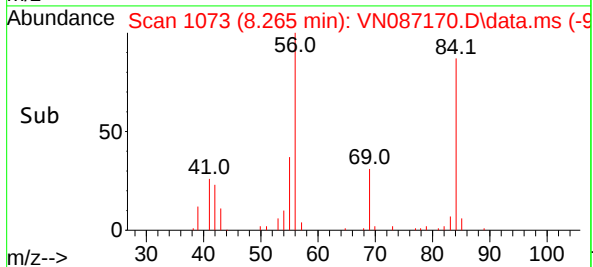
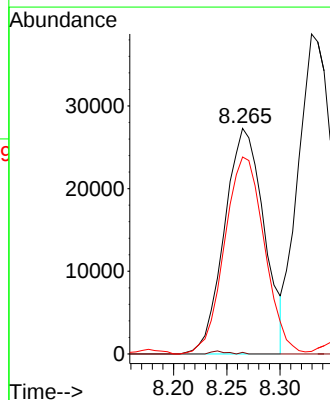
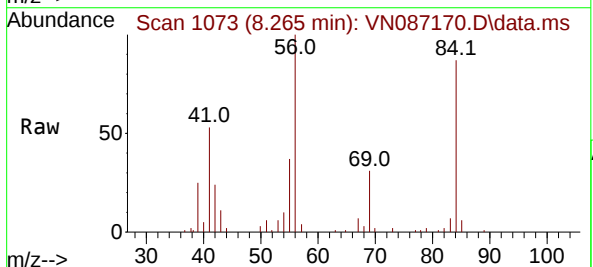
Tgt Ion: 56 Resp: 70558

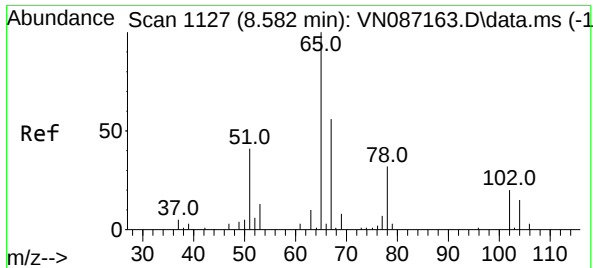
Ion Ratio Lower Upper

56 100

89 0.1 6.9 10.3#

84 88.1 69.1 103.7





#27
1,2-Dichloroethane-d4
Concen: 30.760 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN087170.D
Acq: 25 Jun 2025 12:15

Instrument :

MSVOA_N

ClientSampleId :

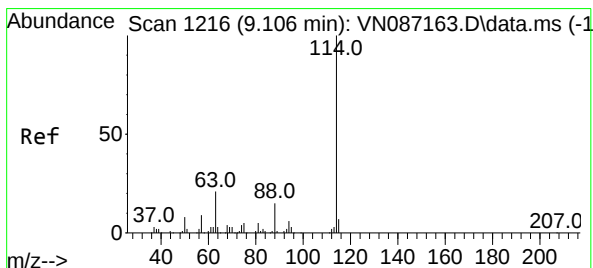
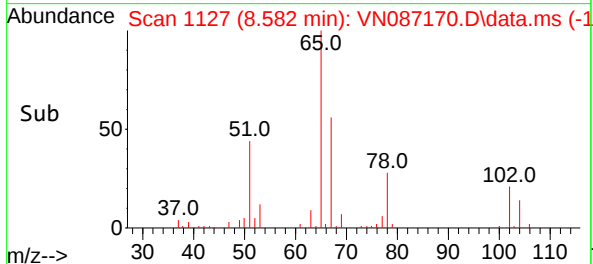
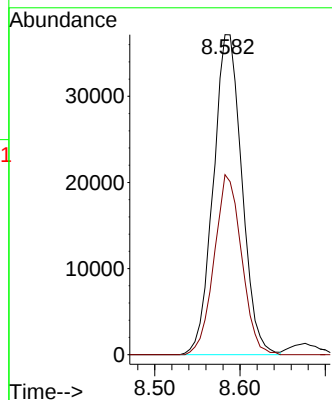
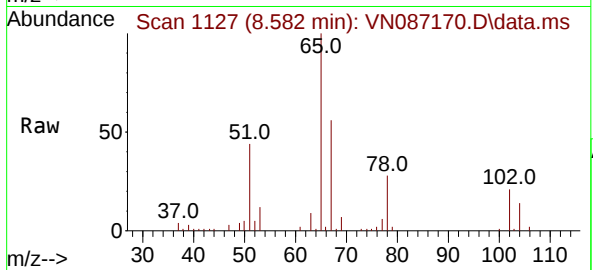
VN0625WBSD01

Tgt Ion: 65 Resp: 86489
Ion Ratio Lower Upper
65 100
67 53.9 41.9 62.9

Manual Integrations

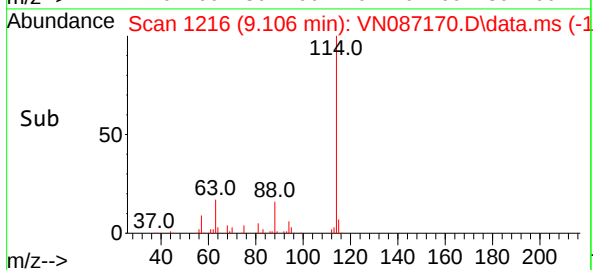
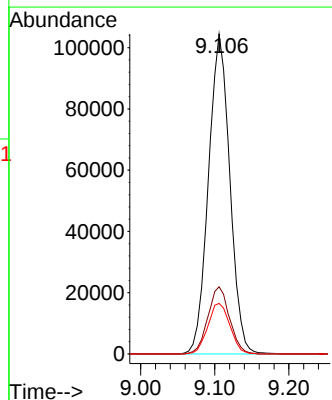
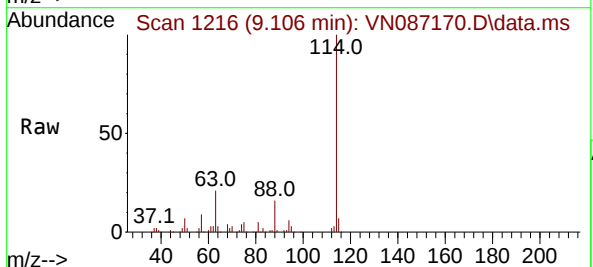
APPROVED

Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN087170.D
Acq: 25 Jun 2025 12:15

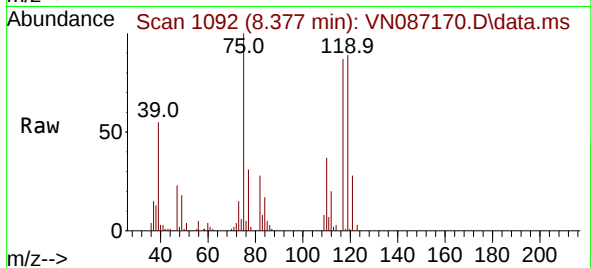
Tgt Ion:114 Resp: 209203
Ion Ratio Lower Upper
114 100
63 21.2 17.0 25.4
88 16.4 12.6 19.0





#29
1,1-Dichloropropene
Concen: 18.491 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN087170.D
Acq: 25 Jun 2025 12:15

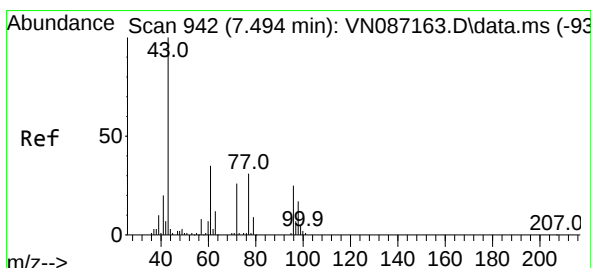
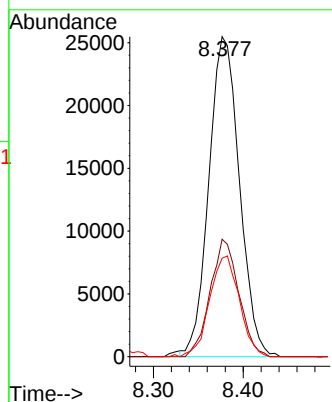
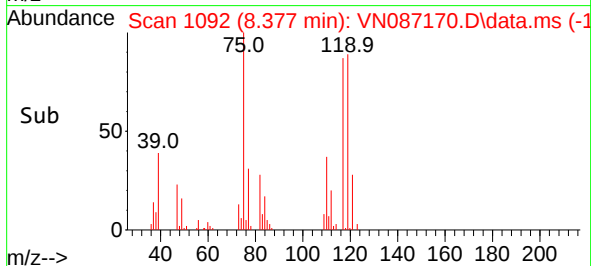
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01



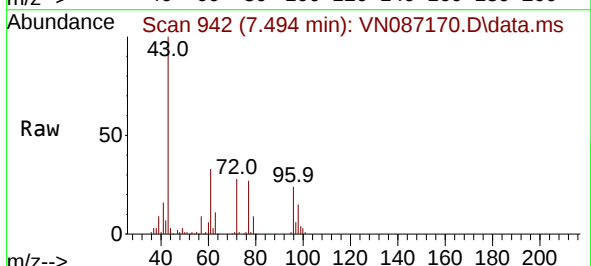
Tgt Ion: 75 Resp: 60295
Ion Ratio Lower Upper
75 100
110 34.3 0.0 69.2
77 30.6 0.0 61.8

Manual Integrations
APPROVED

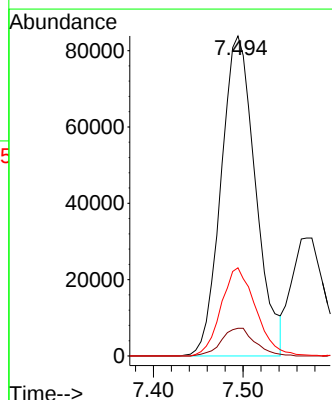
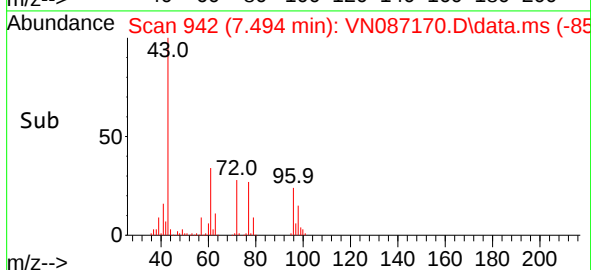
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#30
2-Butanone
Concen: 101.701 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN087170.D
Acq: 25 Jun 2025 12:15



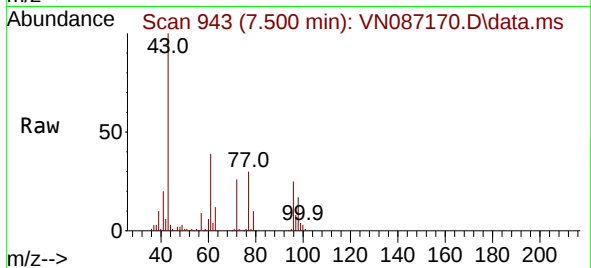
Tgt Ion: 43 Resp: 223696
Ion Ratio Lower Upper
43 100
57 8.5 6.3 9.5
72 27.8 21.8 32.6





#31
2,2-Dichloropropane
Concen: 18.258 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN087170.D
Acq: 25 Jun 2025 12:15

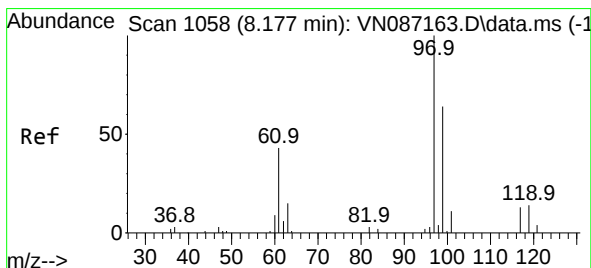
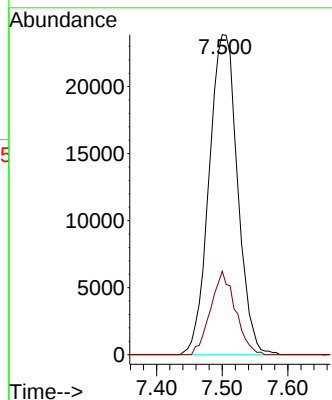
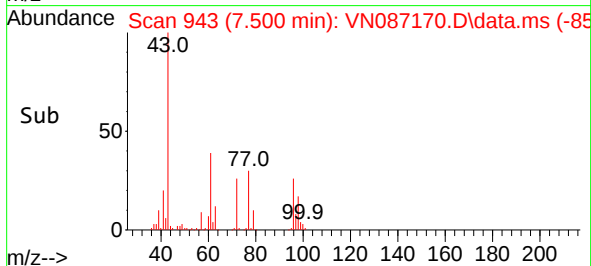
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01



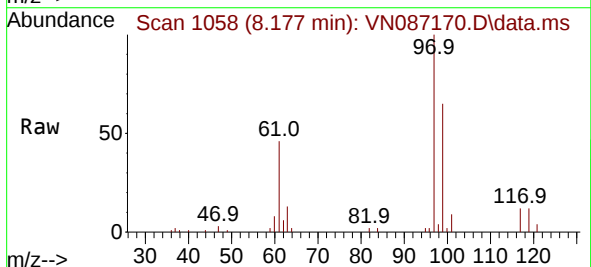
Tgt Ion: 77 Resp: 7186
Ion Ratio Lower Upper
77 100
97 22.7 18.4 27.6

Manual Integrations
APPROVED

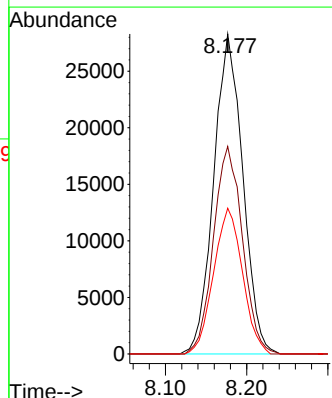
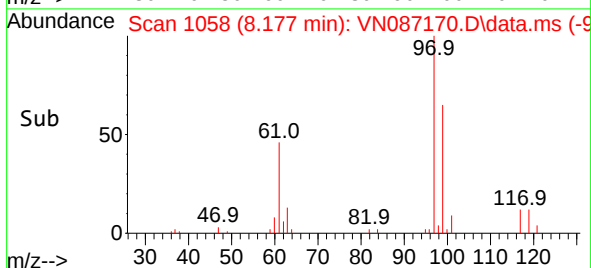
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#32
1,1,1-Trichloroethane
Concen: 18.482 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN087170.D
Acq: 25 Jun 2025 12:15



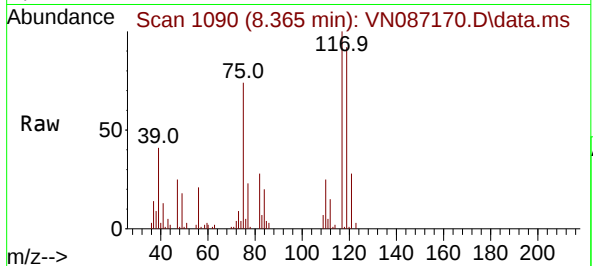
Tgt Ion: 97 Resp: 70404
Ion Ratio Lower Upper
97 100
99 64.6 50.8 76.2
61 45.4 36.1 54.1





#33
Carbon Tetrachloride
Concen: 18.179 ug/l
RT: 8.365 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN087170.D
Acq: 25 Jun 2025 12:15

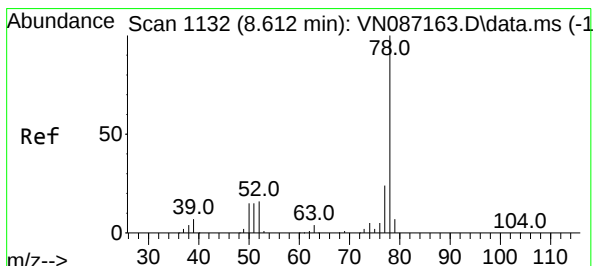
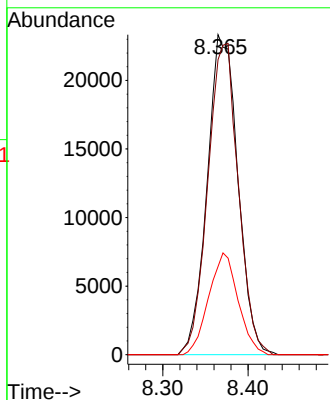
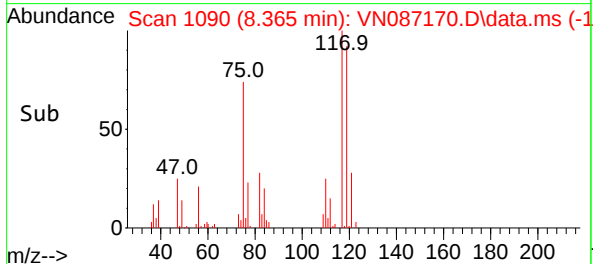
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01



Tgt Ion: 117 Resp: 5827
Ion Ratio Lower Upper
117 100
119 92.2 75.8 113.6
121 27.6 26.2 39.4

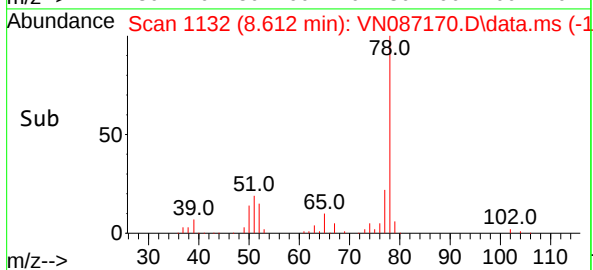
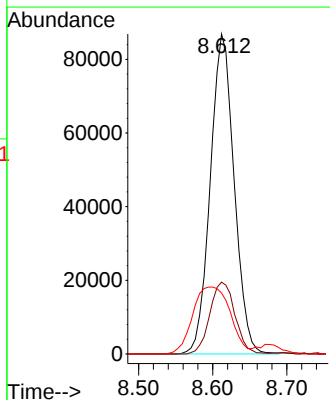
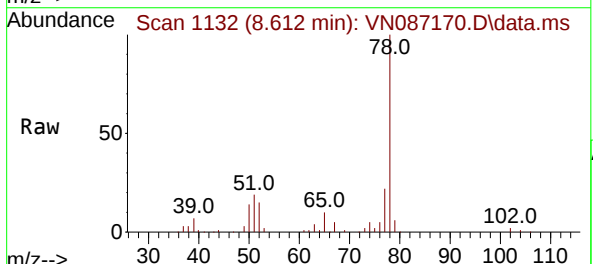
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#34
Benzene
Concen: 18.796 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN087170.D
Acq: 25 Jun 2025 12:15

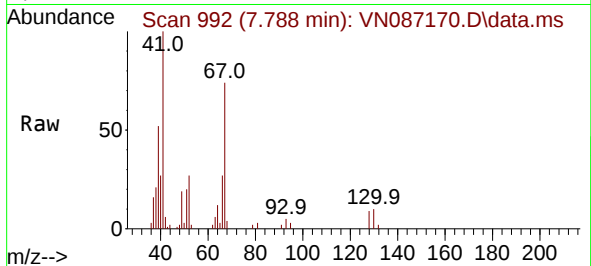
Tgt Ion: 78 Resp: 194165
Ion Ratio Lower Upper
78 100
77 22.5 19.5 29.3
51 17.3 14.8 22.2





#35
Methacrylonitrile
Concen: 19.336 ug/l
RT: 7.788 min Scan# 992
Delta R.T. -0.000 min
Lab File: VN087170.D
Acq: 25 Jun 2025 12:15

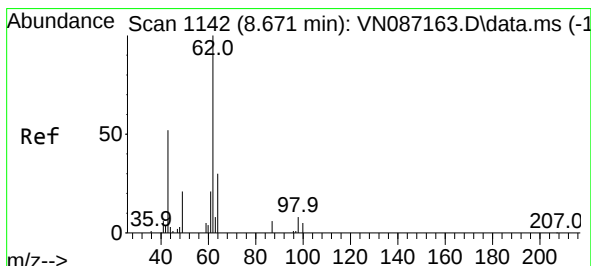
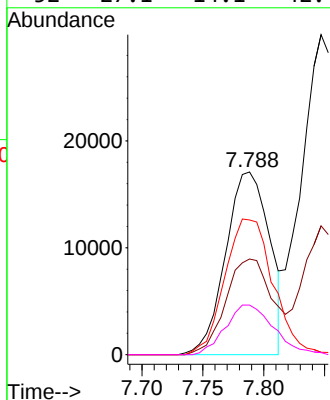
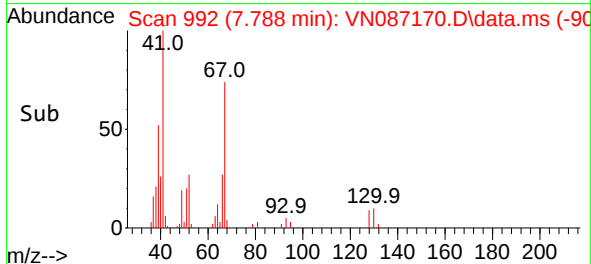
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01



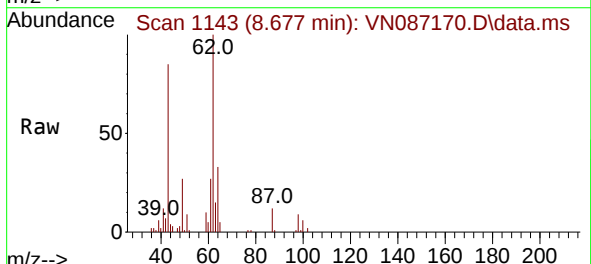
Tgt Ion: 41 Resp: 4286
Ion Ratio Lower Upper
41 100
39 52.4 24.4 73.2
67 73.7 33.3 99.8
52 27.1 14.1 42.4

Manual Integrations
APPROVED

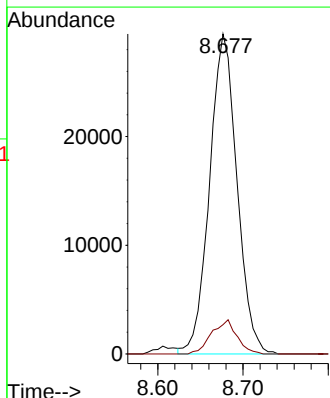
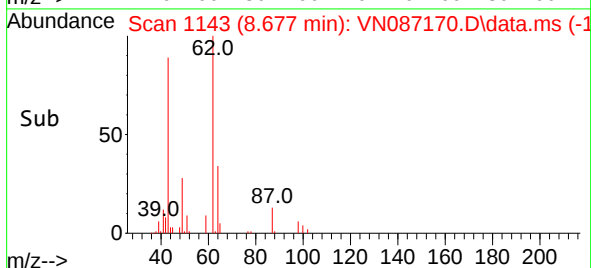
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025

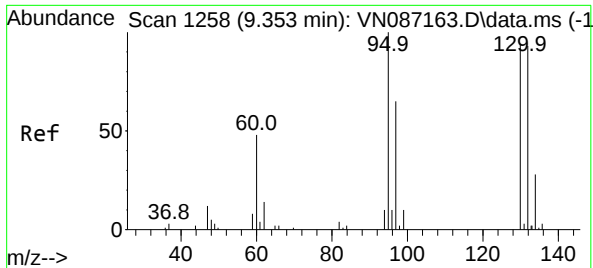


#36
1,2-Dichloroethane
Concen: 19.721 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN087170.D
Acq: 25 Jun 2025 12:15



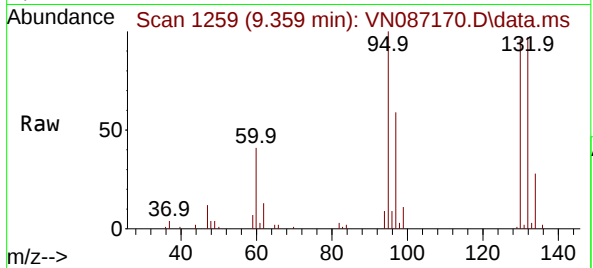
Tgt Ion: 62 Resp: 65820
Ion Ratio Lower Upper
62 100
98 9.8 7.2 10.8





#37
Trichloroethene
Concen: 17.803 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VN087170.D
Acq: 25 Jun 2025 12:15

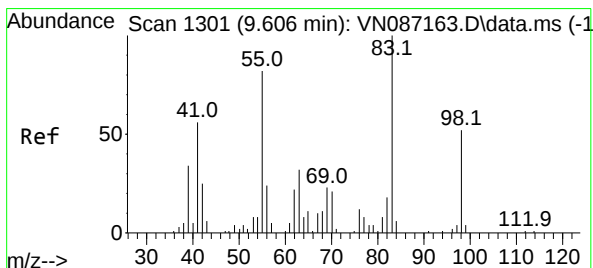
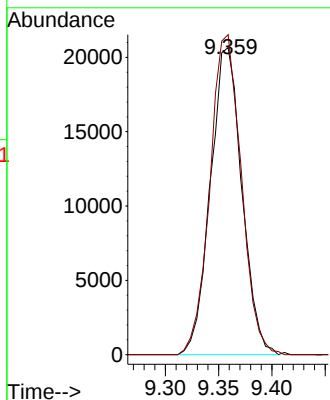
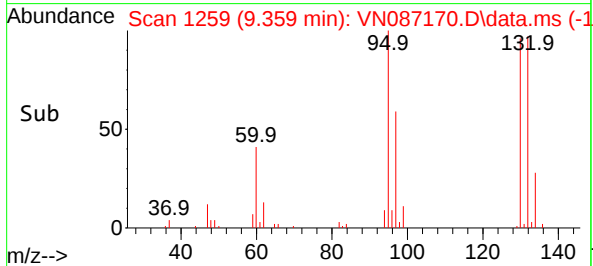
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01



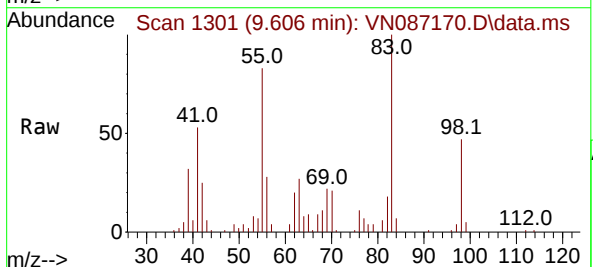
Tgt Ion:130 Resp: 42420
Ion Ratio Lower Upper
130 100
95 104.2 85.3 127.9

Manual Integrations
APPROVED

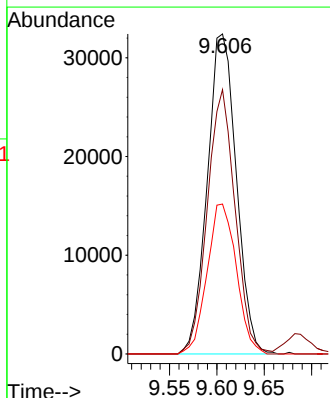
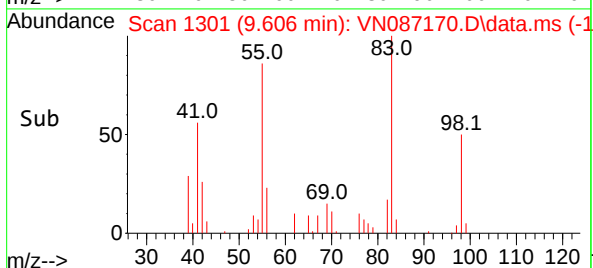
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025

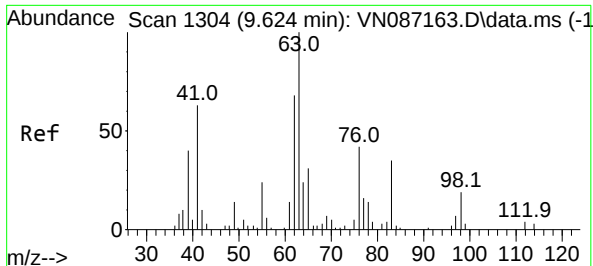


#38
Methylcyclohexane
Concen: 18.518 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. -0.000 min
Lab File: VN087170.D
Acq: 25 Jun 2025 12:15



Tgt Ion: 83 Resp: 69281
Ion Ratio Lower Upper
83 100
55 79.1 40.1 120.2
98 47.1 24.4 73.2





#39

1,2-Dichloropropane

Concen: 19.209 ug/l

RT: 9.623 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087170.D

Acq: 25 Jun 2025 12:15

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD01

Tgt Ion: 63 Resp: 4980

Ion Ratio Lower Upper

63 100

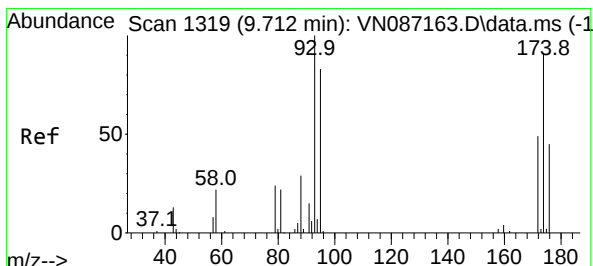
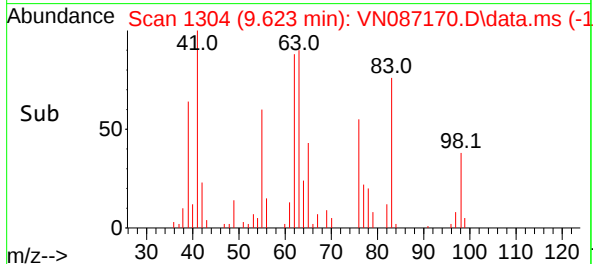
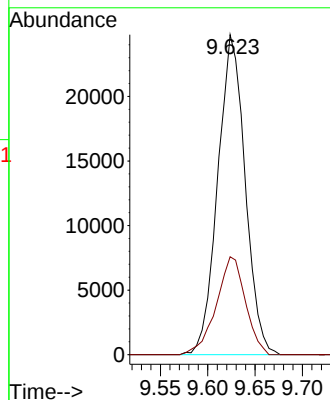
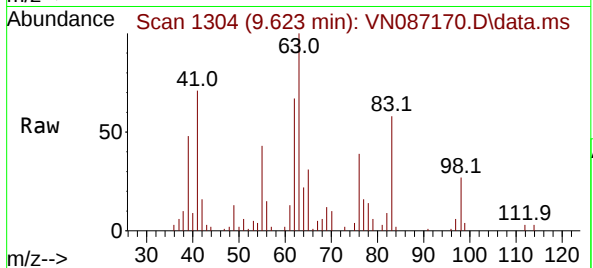
65 30.6 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/25/2025

Supervised By :Mahesh Dadoda 06/26/2025



#40

Dibromomethane

Concen: 19.596 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN087170.D

Acq: 25 Jun 2025 12:15

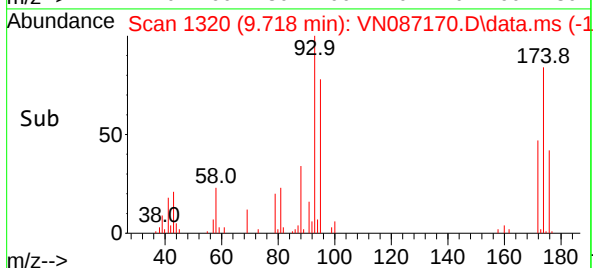
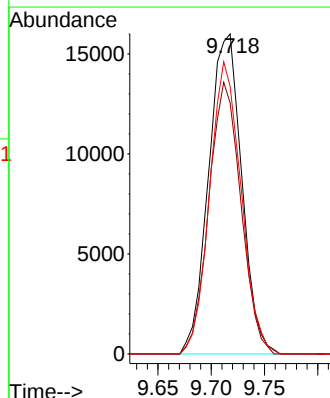
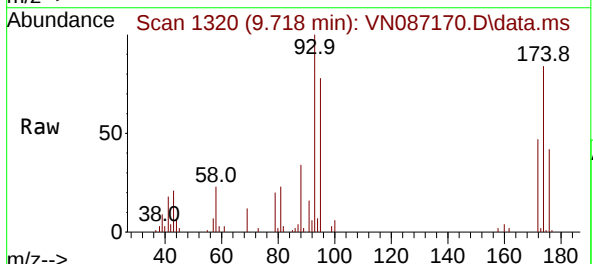
Tgt Ion: 93 Resp: 34548

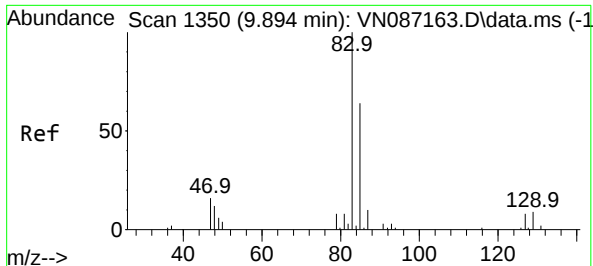
Ion Ratio Lower Upper

93 100

95 82.0 0.0 170.8

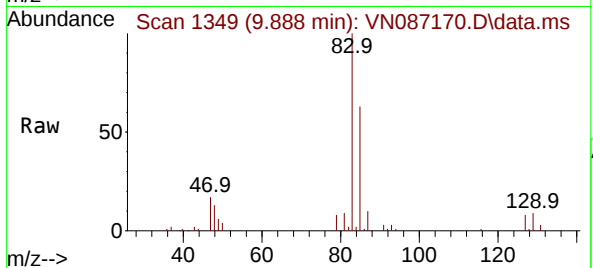
174 86.8 0.0 176.6





#41
Bromodichloromethane
Concen: 19.116 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN087170.D
Acq: 25 Jun 2025 12:15

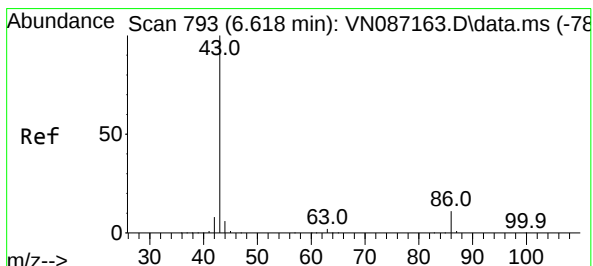
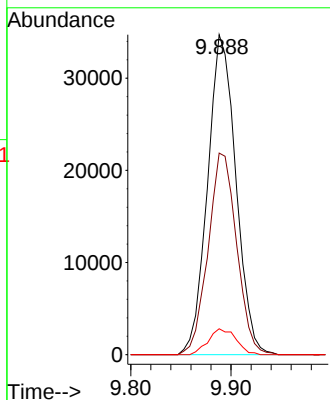
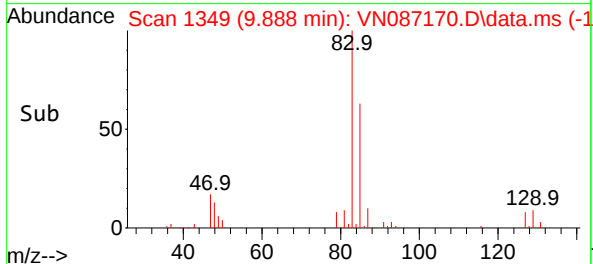
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01



Tgt Ion: 83 Resp: 68025
Ion Ratio Lower Upper
83 100
85 63.0 51.4 77.2
127 8.1 6.1 9.1

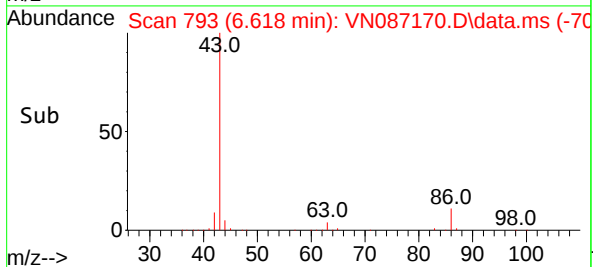
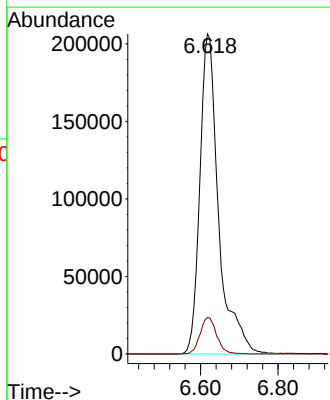
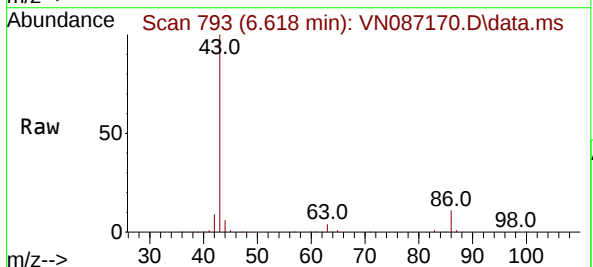
Manual Integrations
APPROVED

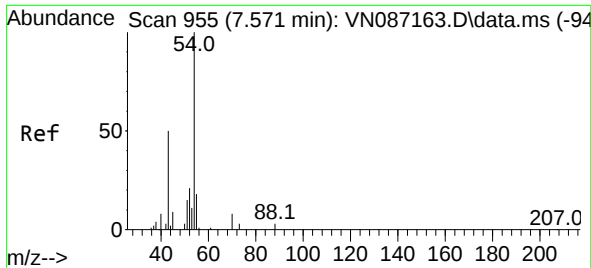
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#42
Vinyl Acetate
Concen: 96.665 ug/l
RT: 6.618 min Scan# 793
Delta R.T. -0.000 min
Lab File: VN087170.D
Acq: 25 Jun 2025 12:15

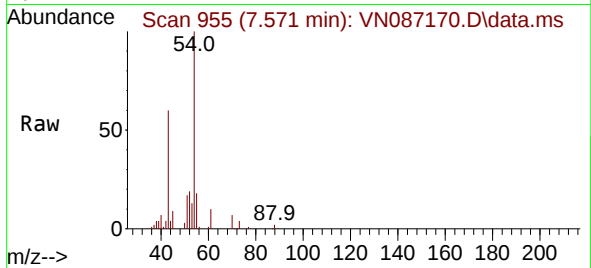
Tgt Ion: 43 Resp: 691543
Ion Ratio Lower Upper
43 100
86 10.1 7.7 11.5





#43
Ethyl Acetate
Concen: 20.984 ug/l
RT: 7.571 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN087170.D
Acq: 25 Jun 2025 12:15

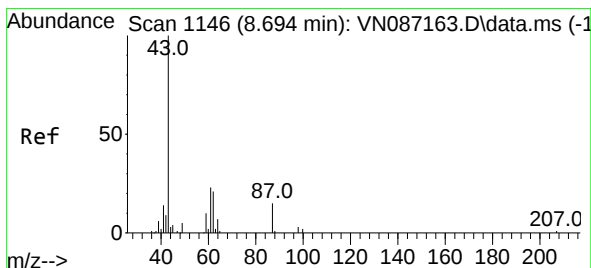
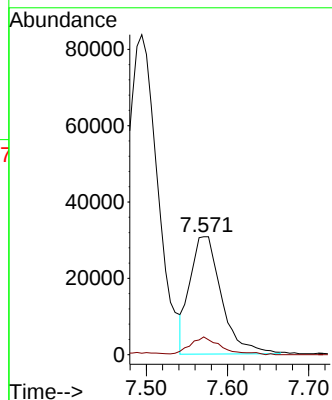
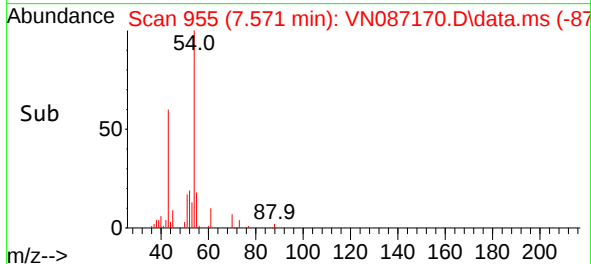
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01



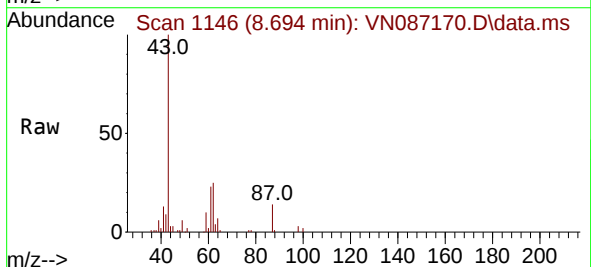
Tgt Ion: 43 Resp: 83320
Ion Ratio Lower Upper
43 100
45 14.0 11.5 17.3

Manual Integrations
APPROVED

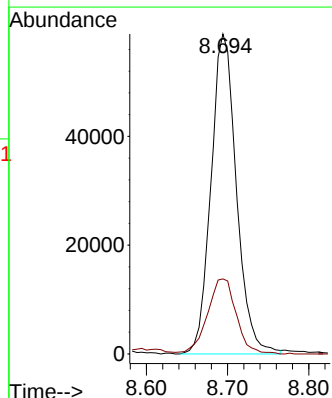
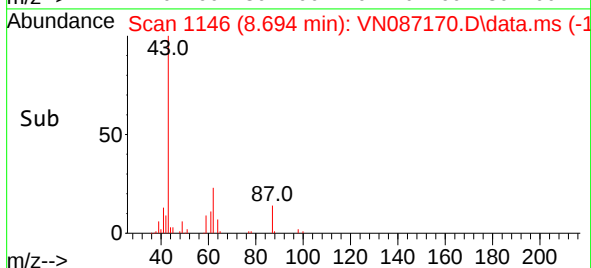
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025

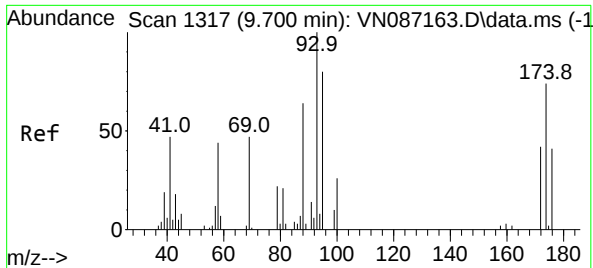


#44
Isopropyl Acetate
Concen: 19.805 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN087170.D
Acq: 25 Jun 2025 12:15



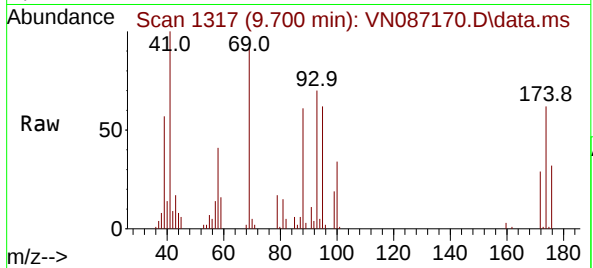
Tgt Ion: 43 Resp: 128122
Ion Ratio Lower Upper
43 100
61 25.4 20.5 30.7





#45
1,4-Dioxane
Concen: 464.739 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN087170.D
Acq: 25 Jun 2025 12:15

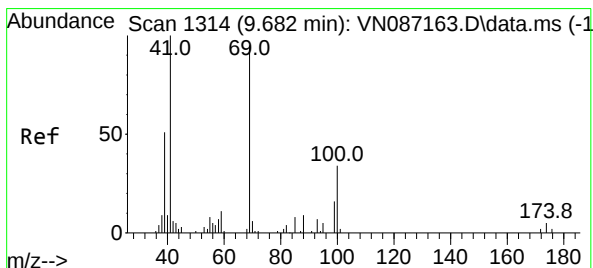
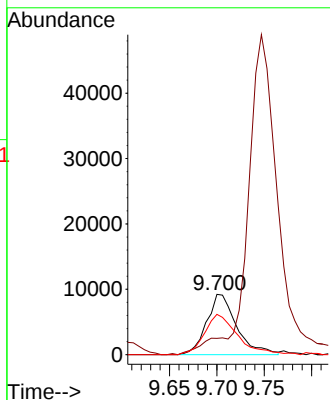
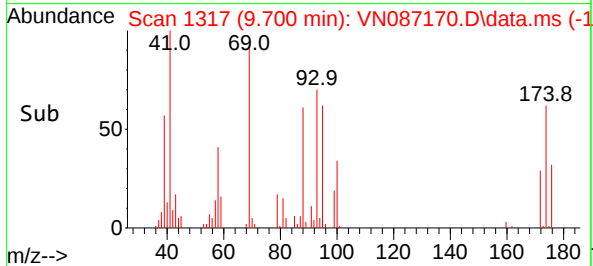
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01



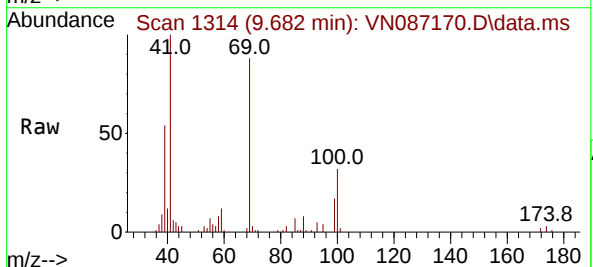
Tgt Ion: 88 Resp: 20338
Ion Ratio Lower Upper
88 100
43 26.5 21.3 31.9
58 73.1 61.7 92.5

Manual Integrations
APPROVED

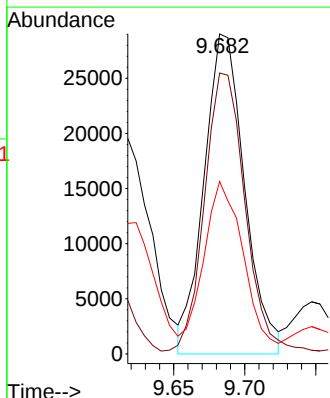
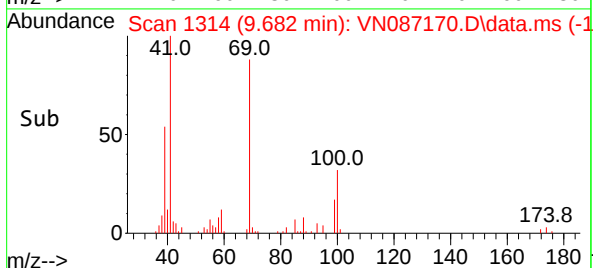
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025

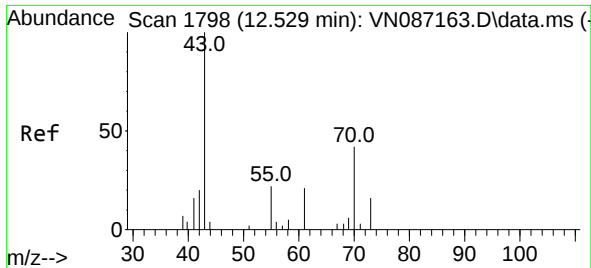


#46
Methyl methacrylate
Concen: 19.162 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN087170.D
Acq: 25 Jun 2025 12:15



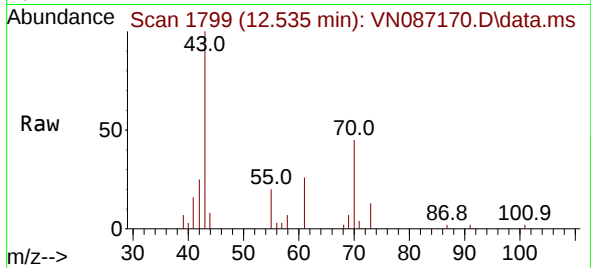
Tgt Ion: 41 Resp: 57629
Ion Ratio Lower Upper
41 100
69 91.4 45.6 136.9
39 54.4 26.2 78.5





#47
n-amy1 Acetate
Concen: 16.980 ug/l m
RT: 12.535 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087170.D
Acq: 25 Jun 2025 12:15

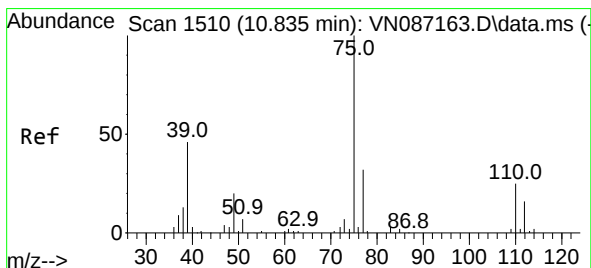
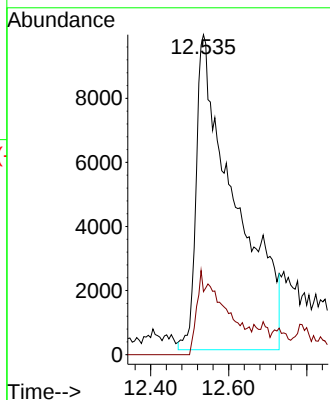
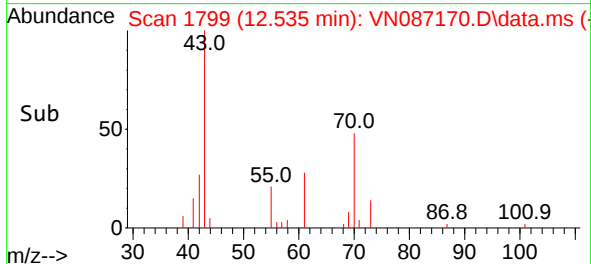
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01



Tgt Ion: 43 Resp: 67160
Ion Ratio Lower Upper
43 100
55 4.9 0.0 0.0

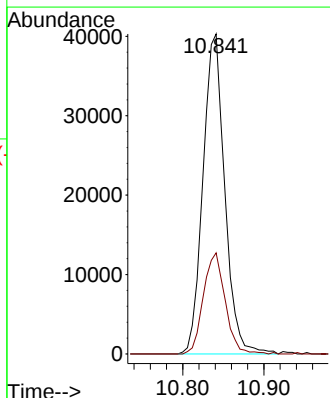
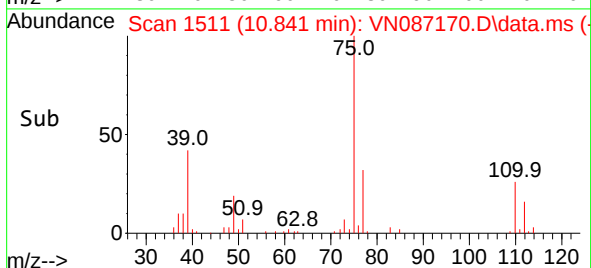
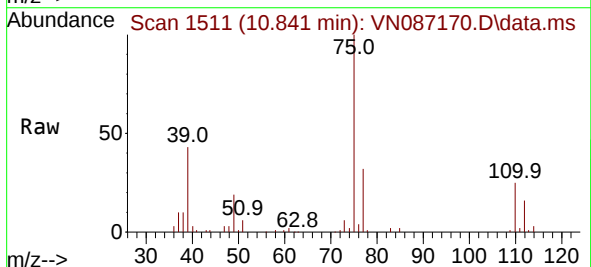
Manual Integrations
APPROVED

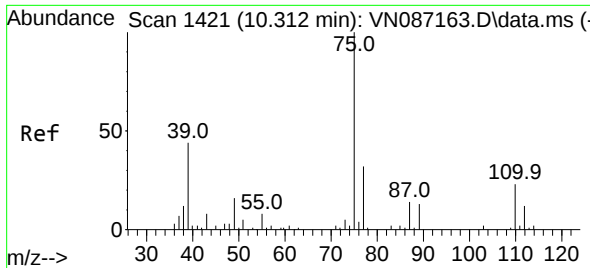
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#48
t-1,3-Dichloropropene
Concen: 18.949 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VN087170.D
Acq: 25 Jun 2025 12:15

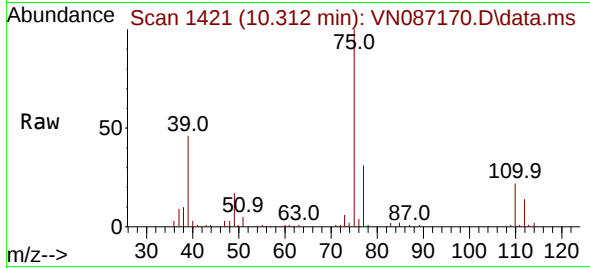
Tgt Ion: 75 Resp: 75174
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.0





#49
 cis-1,3-Dichloropropene
 Concen: 18.914 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN087170.D
 Acq: 25 Jun 2025 12:15

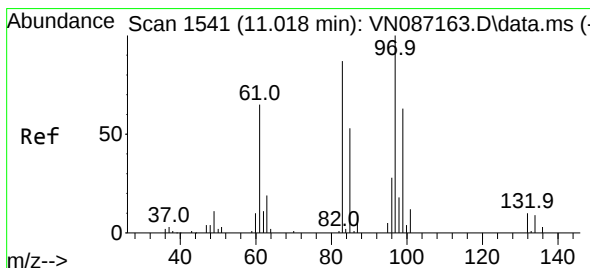
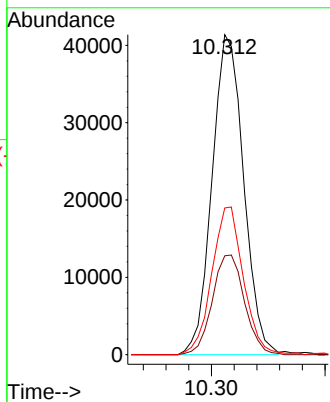
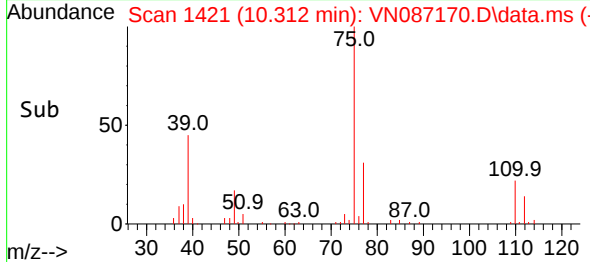
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD01



Tgt Ion: 75 Resp: 79760
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.4 38.2
 39 45.8 35.3 52.9

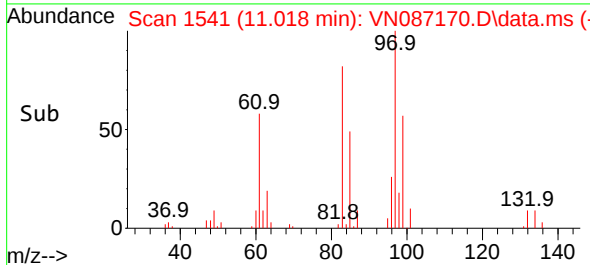
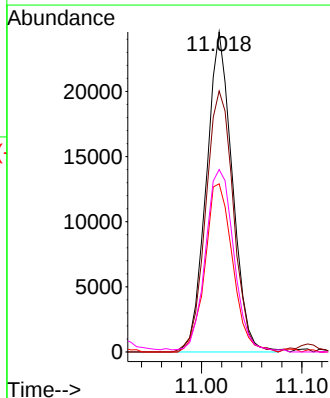
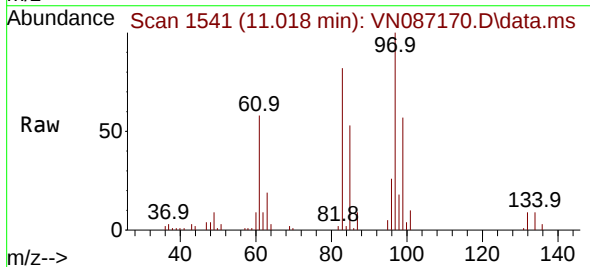
Manual Integrations
 APPROVED

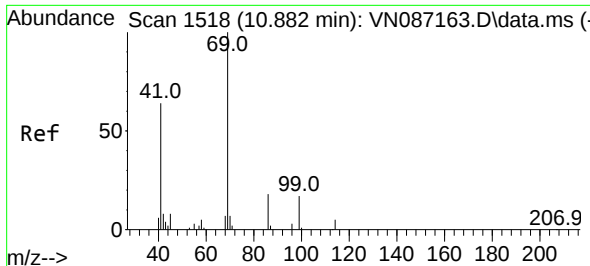
Reviewed By :John Carlone 06/25/2025
 Supervised By :Mahesh Dadoda 06/26/2025



#50
 1,1,2-Trichloroethane
 Concen: 17.707 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. -0.000 min
 Lab File: VN087170.D
 Acq: 25 Jun 2025 12:15

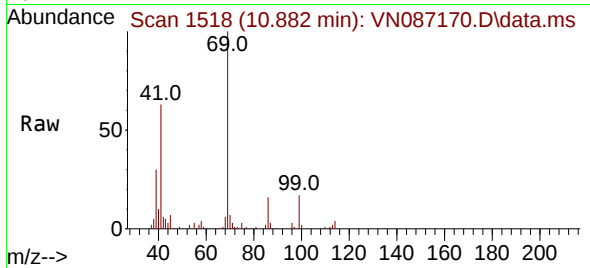
Tgt Ion: 97 Resp: 44345
 Ion Ratio Lower Upper
 97 100
 83 81.6 69.6 104.4
 85 52.6 42.0 63.0
 99 56.4 50.8 76.2





#51
Ethyl methacrylate
Concen: 18.481 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VN087170.D
Acq: 25 Jun 2025 12:15

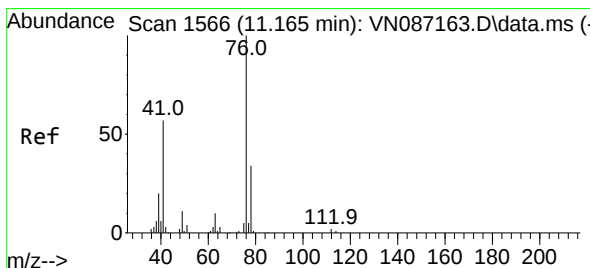
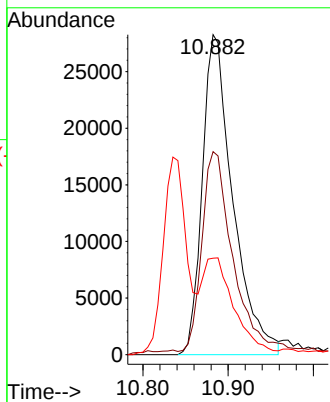
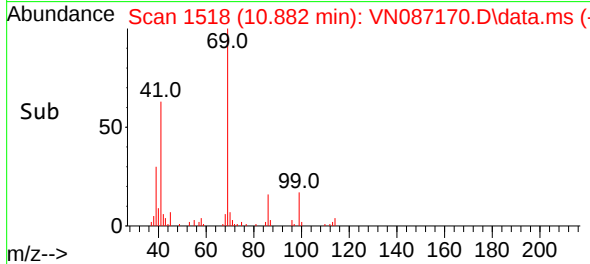
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01



Tgt Ion: 69 Resp: 7044
Ion Ratio Lower Upper
69 100
41 62.5 31.8 95.3
39 28.9 15.3 45.8

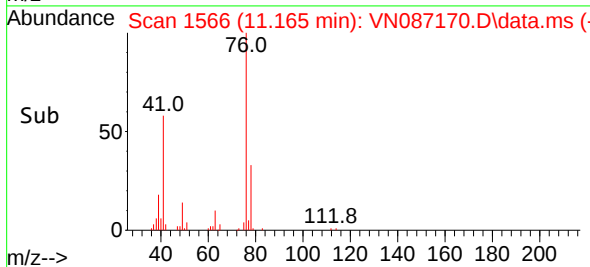
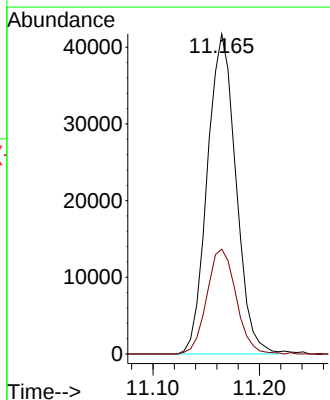
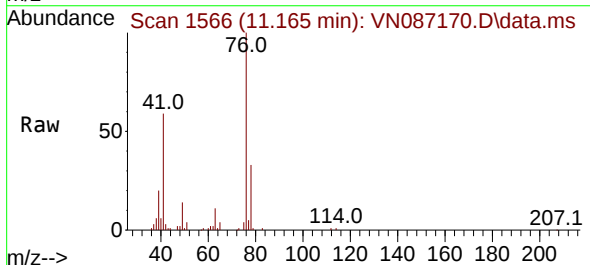
Manual Integrations
APPROVED

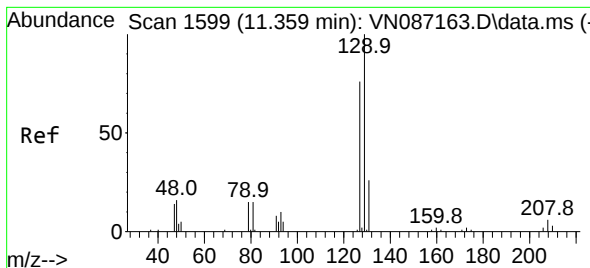
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#52
1,3-Dichloropropane
Concen: 18.131 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN087170.D
Acq: 25 Jun 2025 12:15

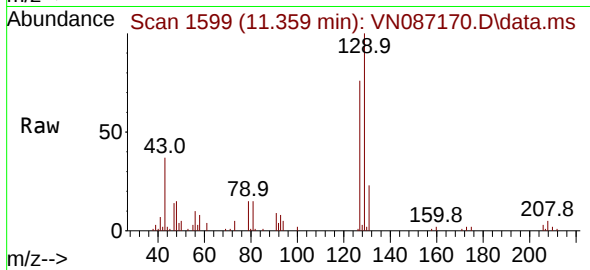
Tgt Ion: 76 Resp: 77957
Ion Ratio Lower Upper
76 100
78 33.4 0.0 63.0





#53
Dibromochloromethane
Concen: 17.555 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN087170.D
Acq: 25 Jun 2025 12:15

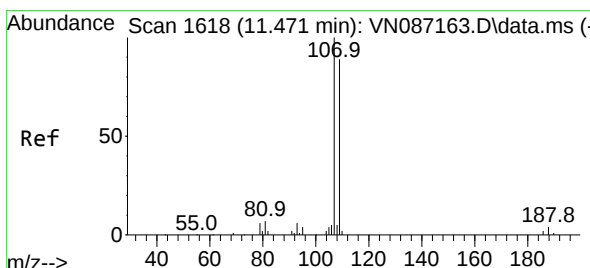
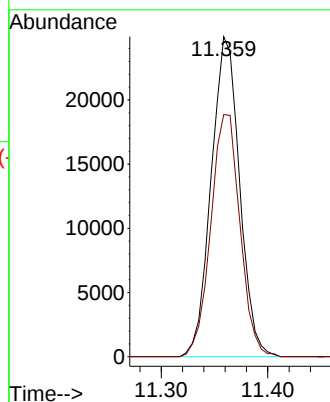
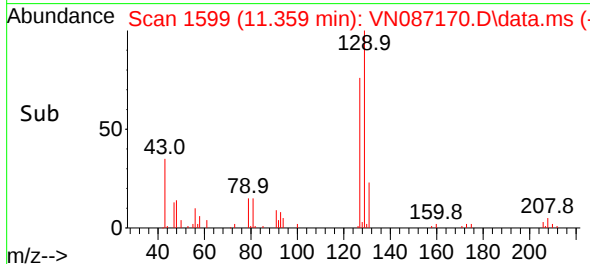
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01



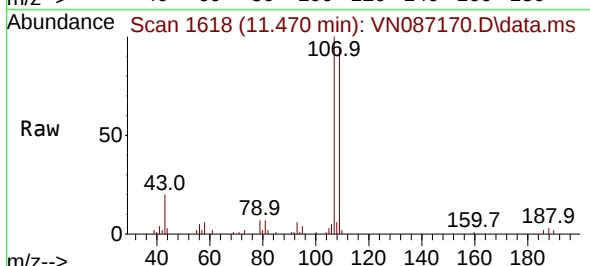
Tgt Ion:129 Resp: 4615
Ion Ratio Lower Upper
129 100
127 77.8 39.6 118.8

Manual Integrations
APPROVED

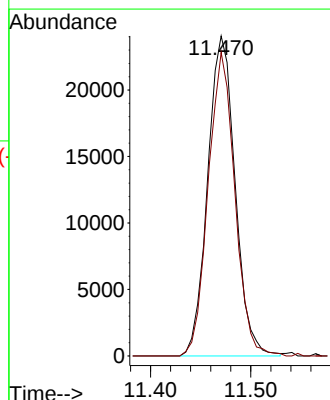
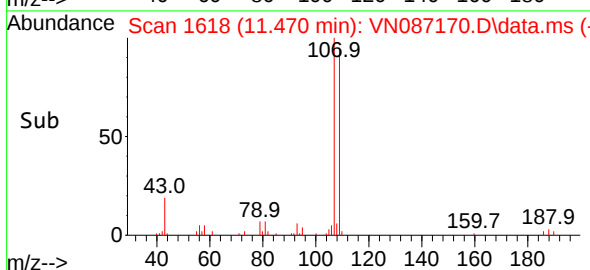
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025

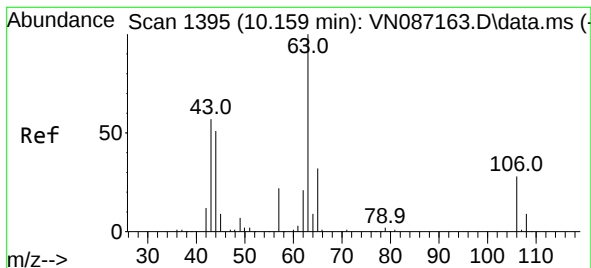


#54
1,2-Dibromoethane
Concen: 17.675 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN087170.D
Acq: 25 Jun 2025 12:15



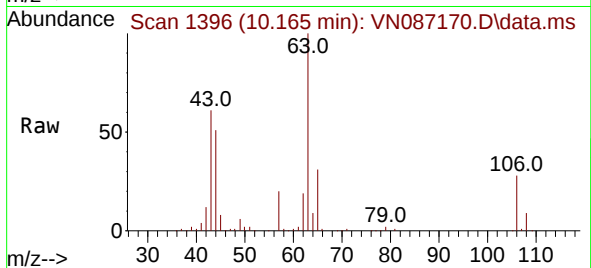
Tgt Ion:107 Resp: 45669
Ion Ratio Lower Upper
107 100
109 92.1 73.5 110.3





#55
2-Chloroethyl vinyl ether
Concen: 88.252 ug/l
RT: 10.165 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VN087170.D
Acq: 25 Jun 2025 12:15

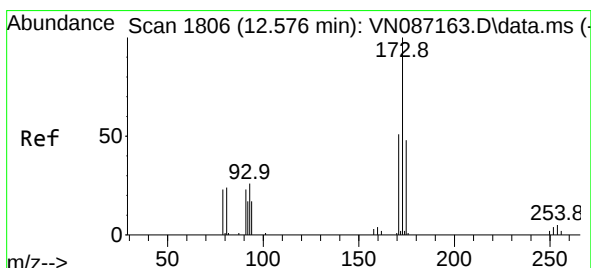
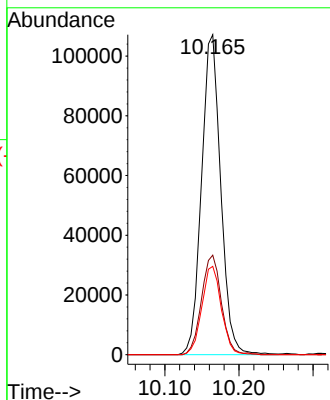
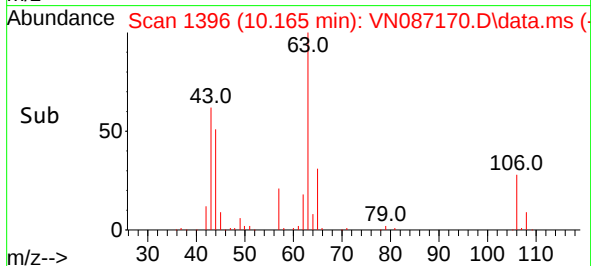
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01



Tgt Ion: 63 Resp: 19282
Ion Ratio Lower Upper
63 100
65 32.2 25.6 38.4
106 27.9 21.9 32.9

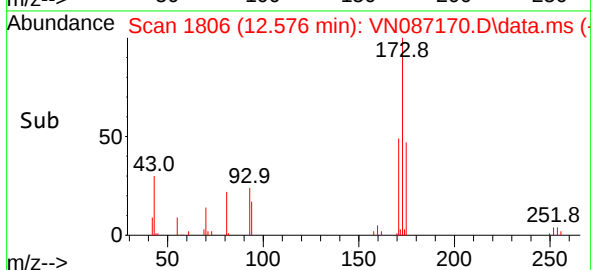
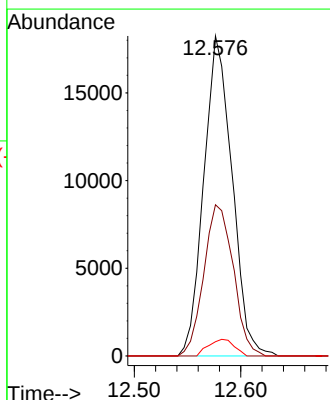
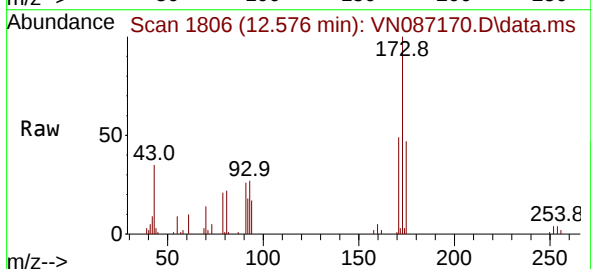
Manual Integrations
APPROVED

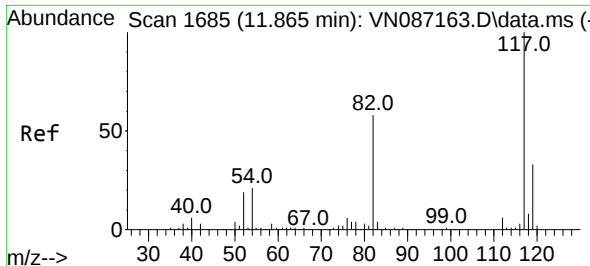
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#56
Bromoform
Concen: 18.604 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN087170.D
Acq: 25 Jun 2025 12:15

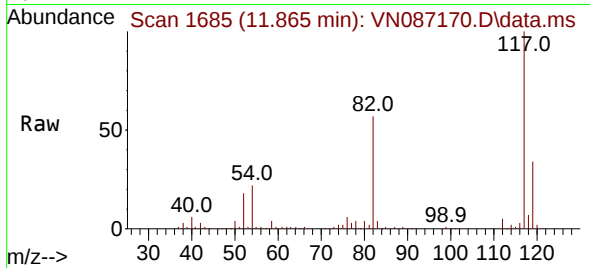
Tgt Ion:173 Resp: 33621
Ion Ratio Lower Upper
173 100
175 49.2 38.7 58.1
254 4.7 4.2 6.4





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN087170.D
Acq: 25 Jun 2025 12:15

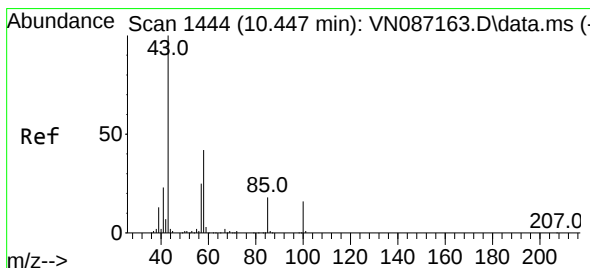
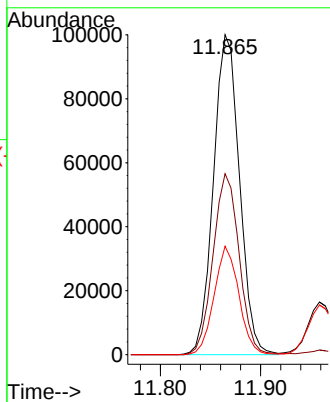
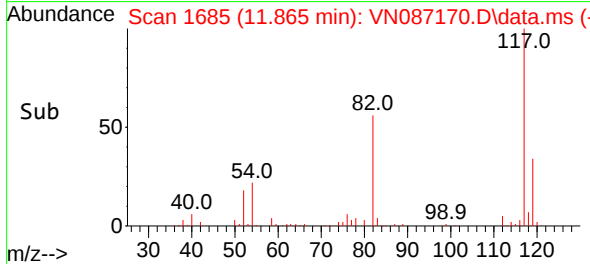
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01



Tgt Ion: 117 Resp: 18045
Ion Ratio Lower Upper
117 100
82 56.6 45.4 68.2
119 32.2 26.2 39.4

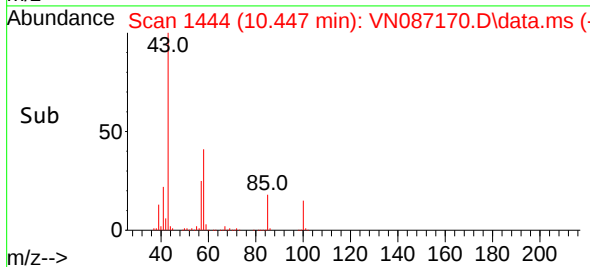
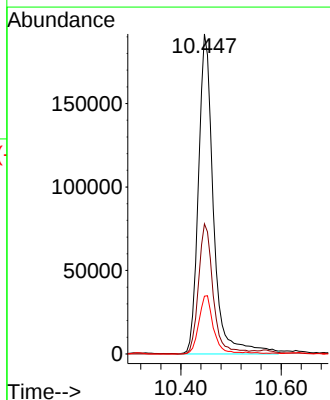
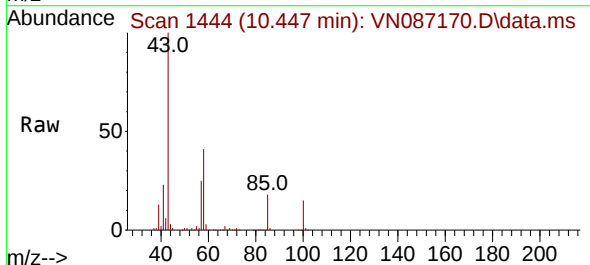
Manual Integrations
APPROVED

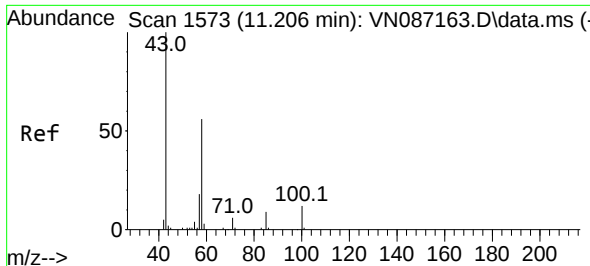
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#58
4-Methyl-2-Pentanone
Concen: 110.523 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN087170.D
Acq: 25 Jun 2025 12:15

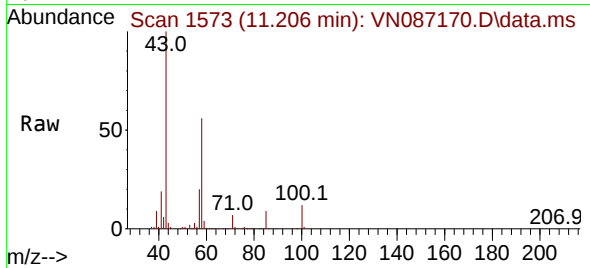
Tgt Ion: 43 Resp: 400949
Ion Ratio Lower Upper
43 100
58 38.3 32.6 49.0
85 17.4 14.6 22.0





#59
2-Hexanone
Concen: 97.124 ug/l
RT: 11.206 min Scan# 1157
Delta R.T. -0.000 min
Lab File: VN087170.D
Acq: 25 Jun 2025 12:15

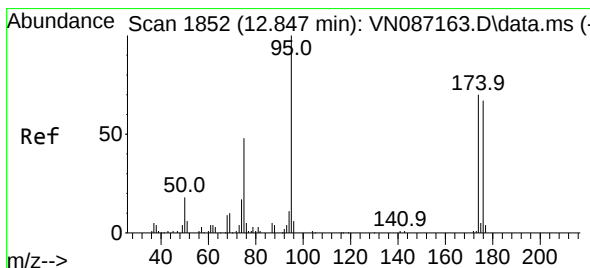
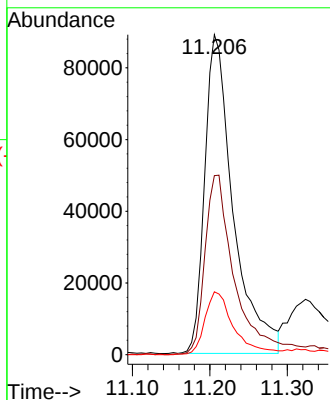
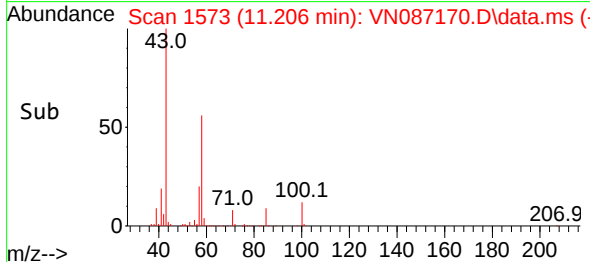
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01



Tgt Ion: 43 Resp: 227510
Ion Ratio Lower Upper
43 100
58 57.8 49.2 73.8
57 19.7 15.3 22.9

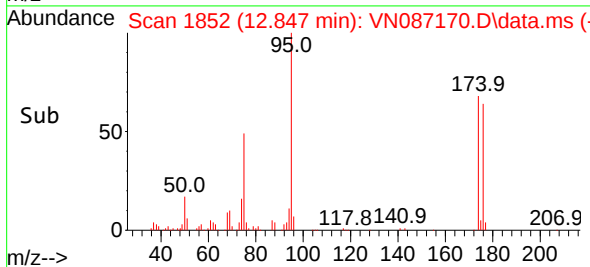
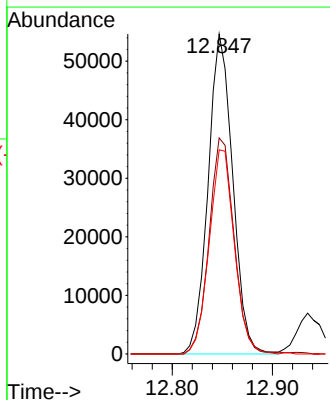
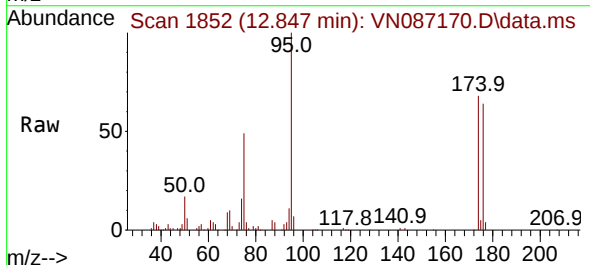
Manual Integrations
APPROVED

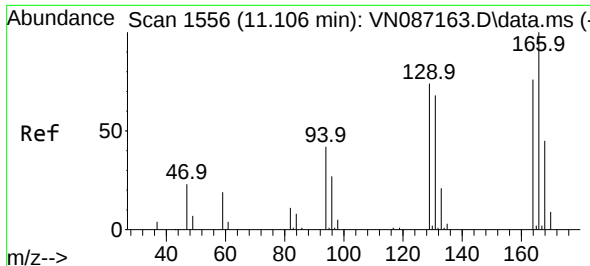
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#60
4-Bromofluorobenzene
Concen: 33.480 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087170.D
Acq: 25 Jun 2025 12:15

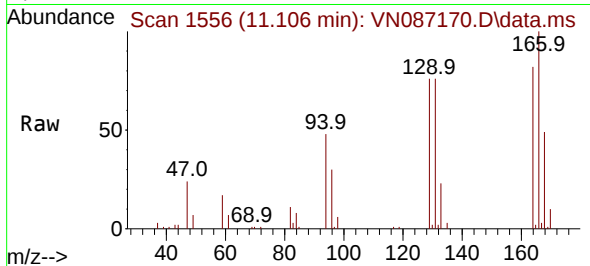
Tgt Ion: 95 Resp: 93228
Ion Ratio Lower Upper
95 100
174 68.3 54.5 81.7
176 65.2 51.9 77.9





#61
Tetrachloroethene
Concen: 18.324 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN087170.D
Acq: 25 Jun 2025 12:15

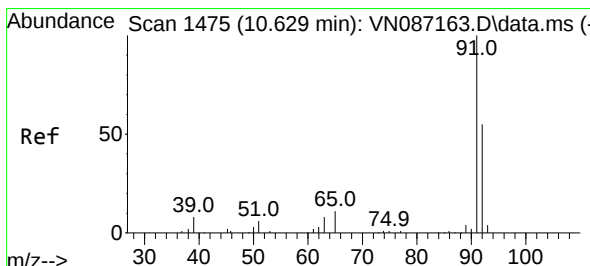
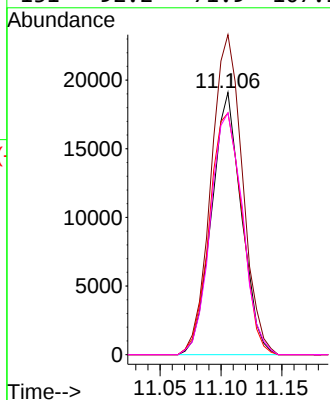
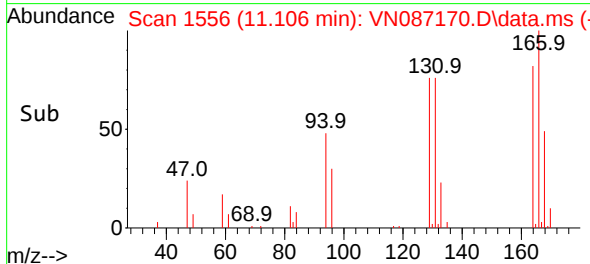
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01



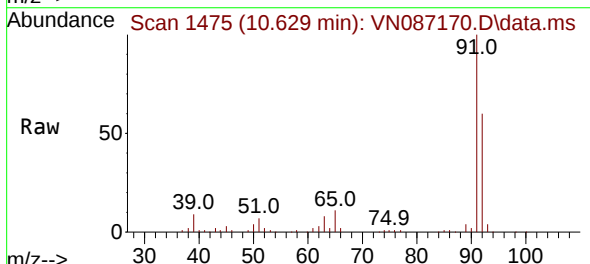
Tgt Ion:164 Resp: 32740
Ion Ratio Lower Upper
164 100
166 122.0 105.4 158.2
129 92.2 77.9 116.9
131 92.2 71.9 107.9

Manual Integrations
APPROVED

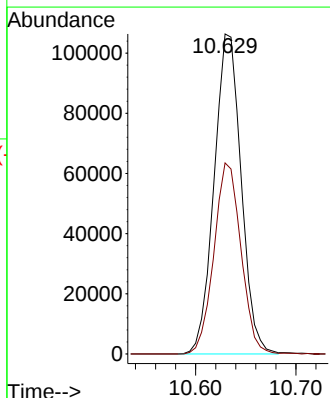
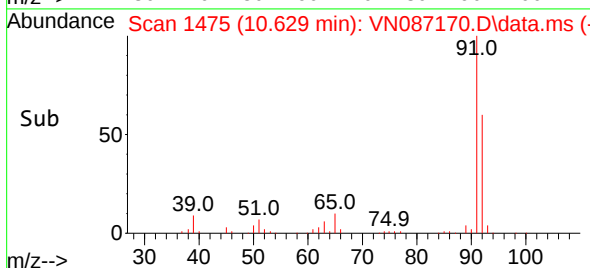
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025

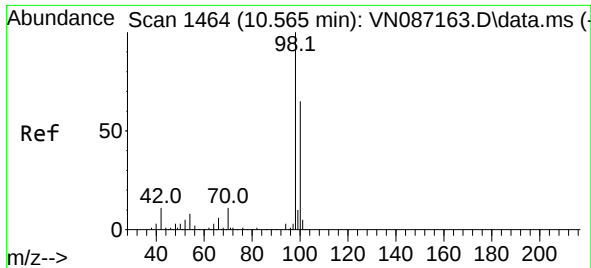


#62
Toluene
Concen: 19.509 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN087170.D
Acq: 25 Jun 2025 12:15



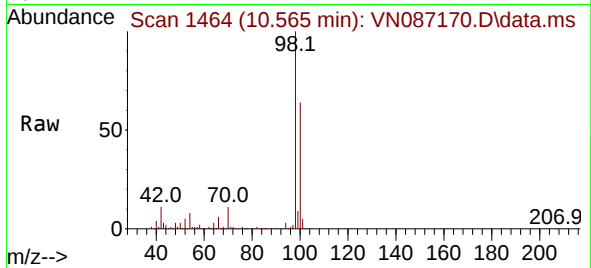
Tgt Ion: 91 Resp: 198824
Ion Ratio Lower Upper
91 100
92 59.5 45.8 68.8





#63
Toluene-d8
Concen: 32.207 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN087170.D
Acq: 25 Jun 2025 12:15

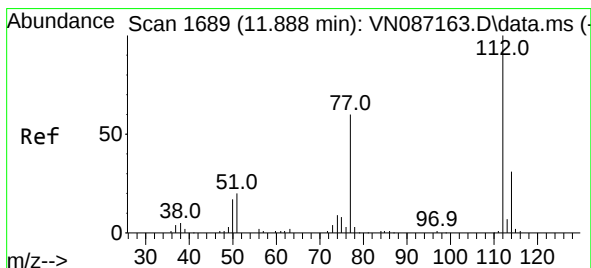
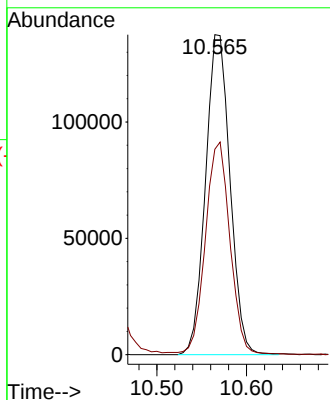
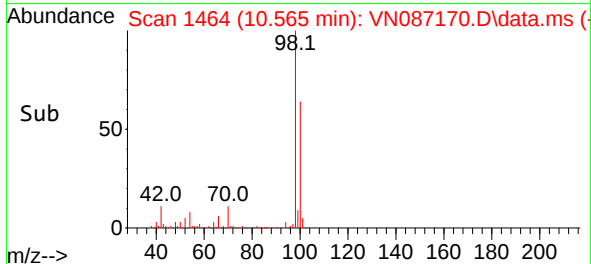
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01



Tgt Ion: 98 Resp: 260952
Ion Ratio Lower Upper
98 100
100 65.9 52.5 78.7

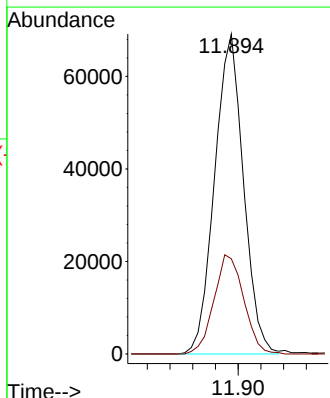
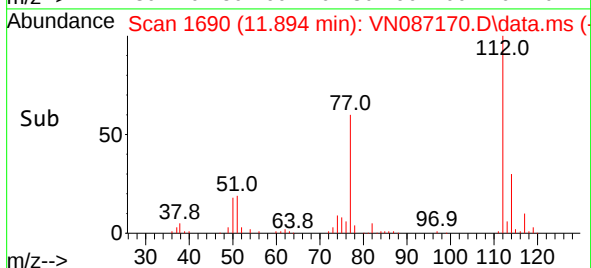
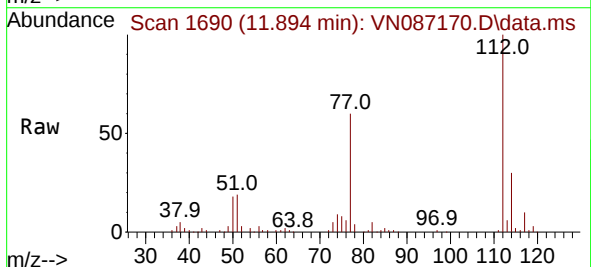
Manual Integrations
APPROVED

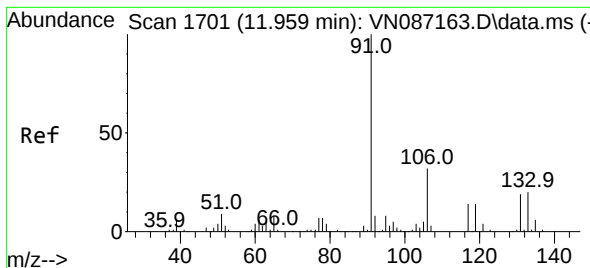
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#64
Chlorobenzene
Concen: 18.764 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.006 min
Lab File: VN087170.D
Acq: 25 Jun 2025 12:15

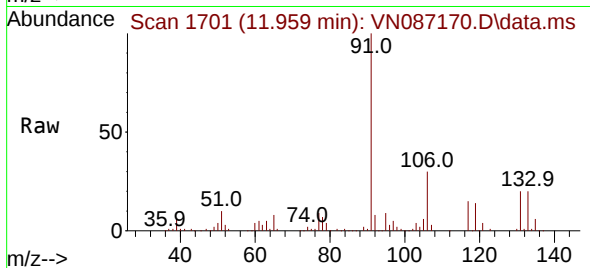
Tgt Ion:112 Resp: 121984
Ion Ratio Lower Upper
112 100
114 29.7 25.0 37.4





#65
 1,1,1,2-Tetrachloroethane
 Concen: 18.912 ug/l
 RT: 11.959 min Scan# 1701
 Delta R.T. -0.000 min
 Lab File: VN087170.D
 Acq: 25 Jun 2025 12:15

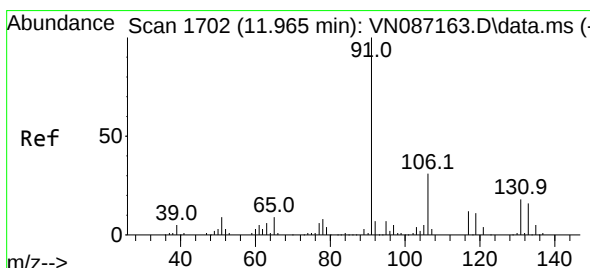
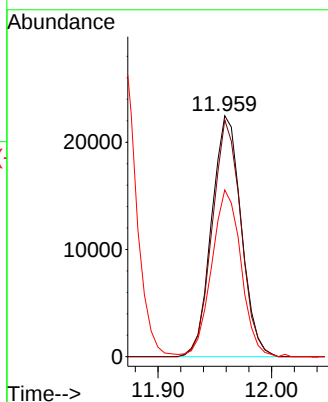
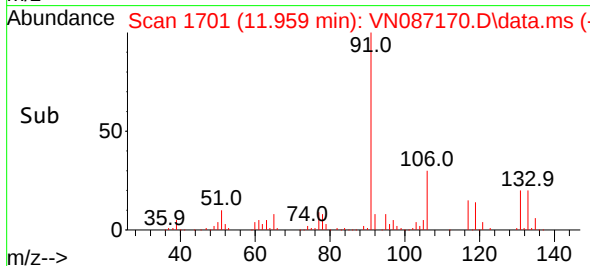
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD01



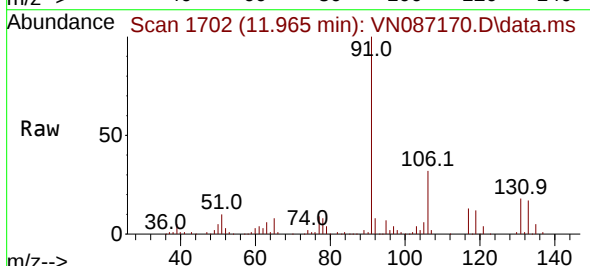
Tgt Ion:131 Resp: 40623
 Ion Ratio Lower Upper
 131 100
 133 95.7 0.0 187.8
 119 68.7 0.0 140.0

Manual Integrations
 APPROVED

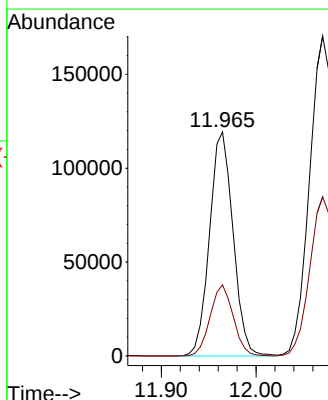
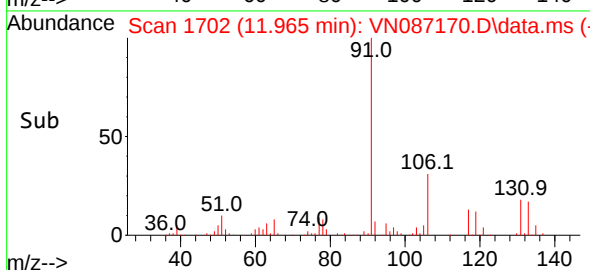
Reviewed By :John Carlone 06/25/2025
 Supervised By :Mahesh Dadoda 06/26/2025

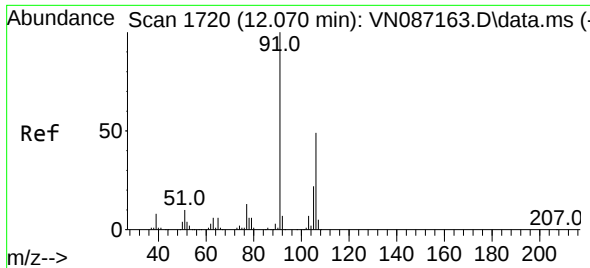


#66
 Ethyl Benzene
 Concen: 18.499 ug/l
 RT: 11.965 min Scan# 1702
 Delta R.T. -0.000 min
 Lab File: VN087170.D
 Acq: 25 Jun 2025 12:15



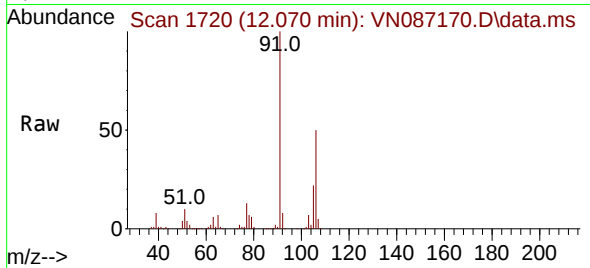
Tgt Ion: 91 Resp: 206364
 Ion Ratio Lower Upper
 91 100
 106 31.8 24.8 37.2





#67
m/p-Xylenes
Concen: 38.668 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN087170.D
Acq: 25 Jun 2025 12:15

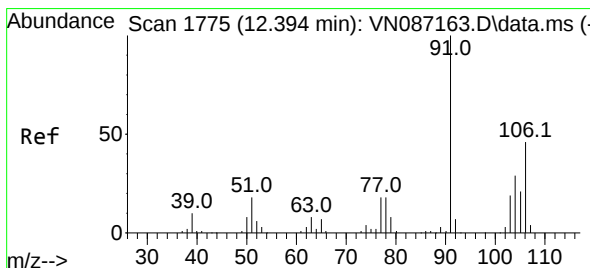
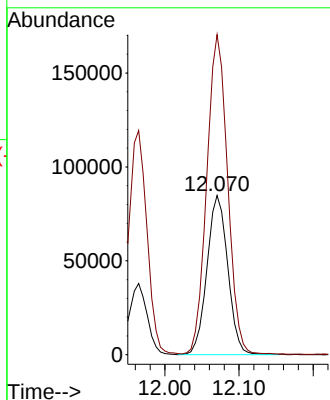
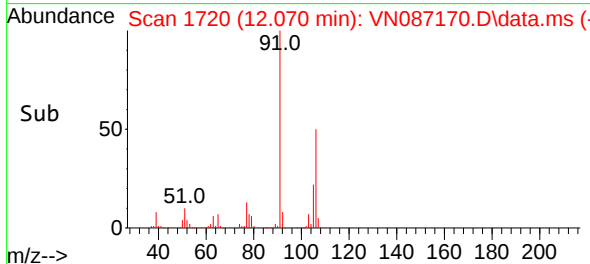
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01



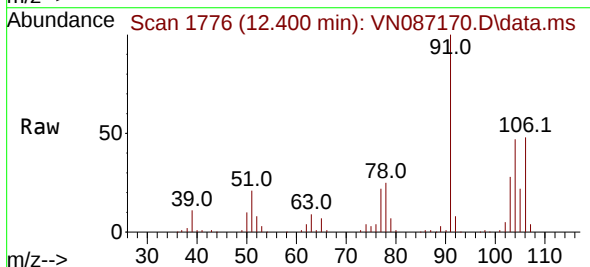
Tgt Ion:106 Resp: 165290
Ion Ratio Lower Upper
106 100
91 200.1 163.0 244.4

Manual Integrations
APPROVED

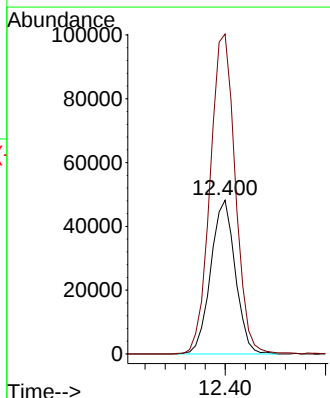
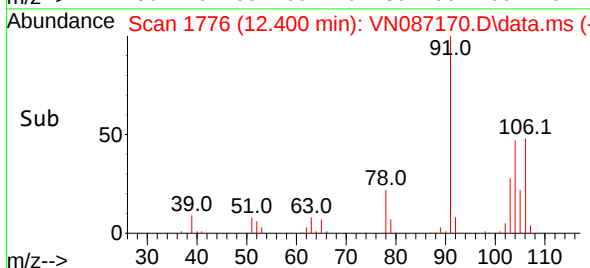
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025

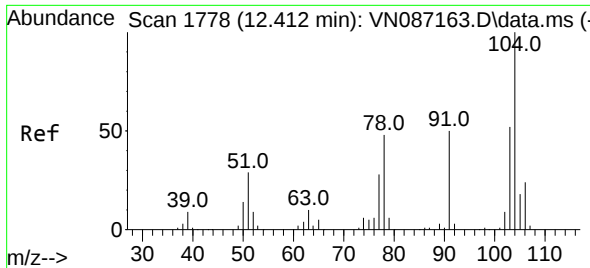


#68
o-Xylene
Concen: 20.094 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN087170.D
Acq: 25 Jun 2025 12:15



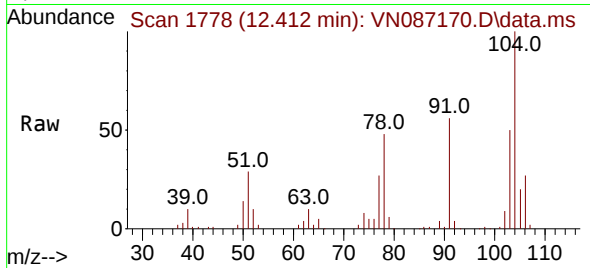
Tgt Ion:106 Resp: 81950
Ion Ratio Lower Upper
106 100
91 213.1 107.1 321.1





#69
Styrene
Concen: 20.049 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN087170.D
Acq: 25 Jun 2025 12:15

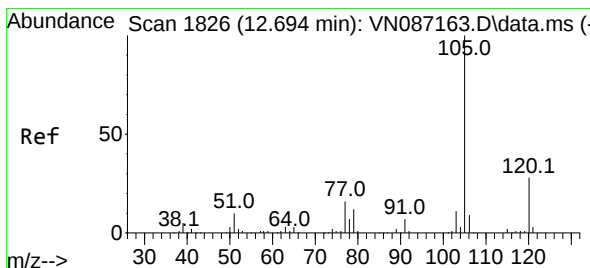
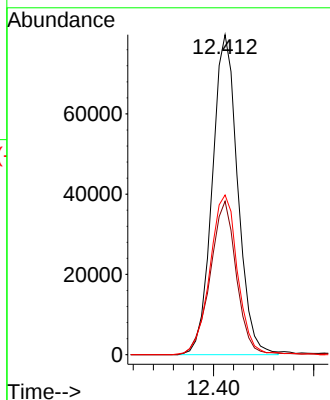
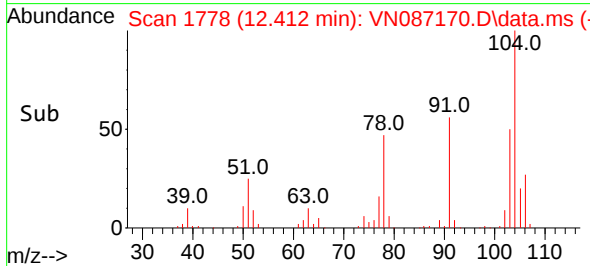
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01



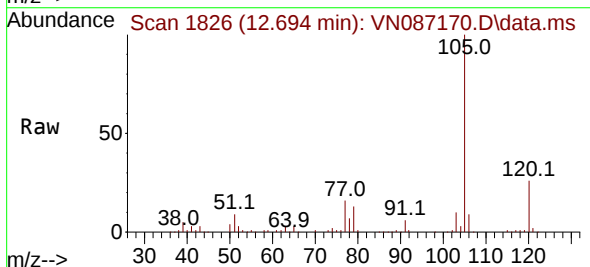
Tgt Ion:104 Resp: 140375
Ion Ratio Lower Upper
104 100
78 49.3 39.8 59.8
103 53.9 44.2 66.4

Manual Integrations
APPROVED

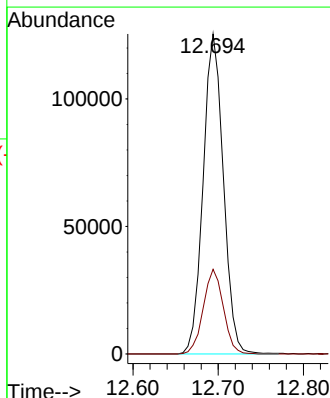
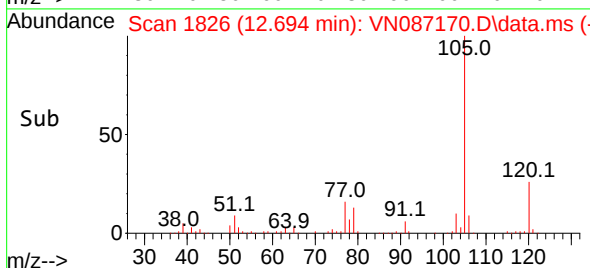
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025

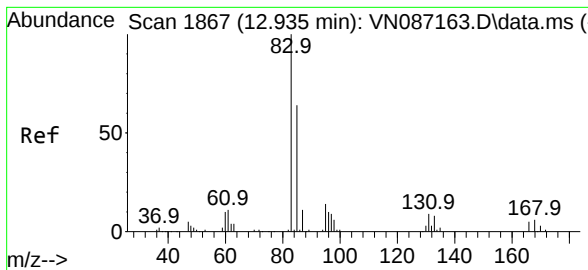


#70
Isopropylbenzene
Concen: 20.404 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN087170.D
Acq: 25 Jun 2025 12:15



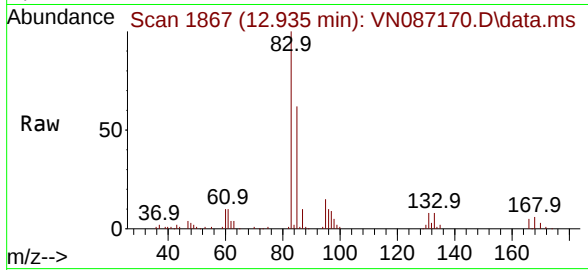
Tgt Ion:105 Resp: 207243
Ion Ratio Lower Upper
105 100
120 26.1 19.0 35.2





#71
1,1,2,2-Tetrachloroethane
Concen: 21.362 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN087170.D
Acq: 25 Jun 2025 12:15

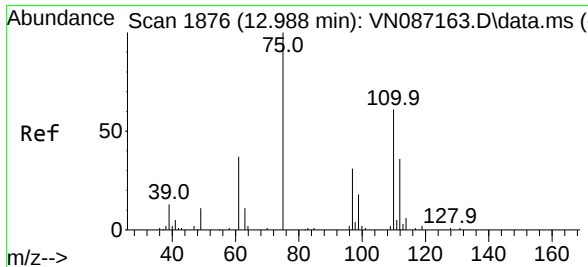
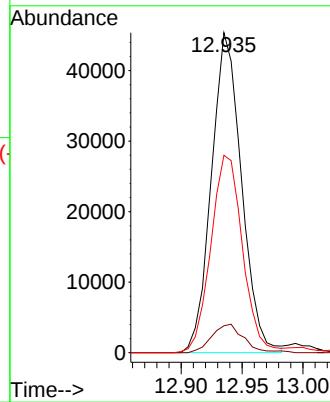
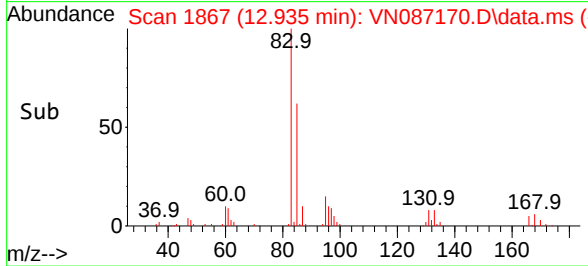
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01



Tgt Ion: 83 Resp: 78100
Ion Ratio Lower Upper
83 100
131 9.3 4.5 13.4
85 64.8 31.3 93.9

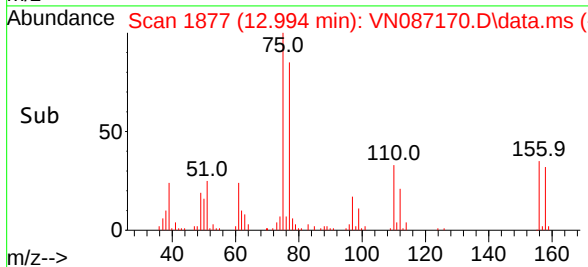
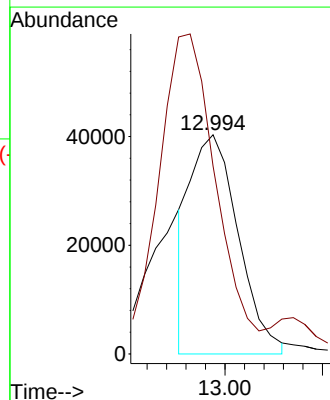
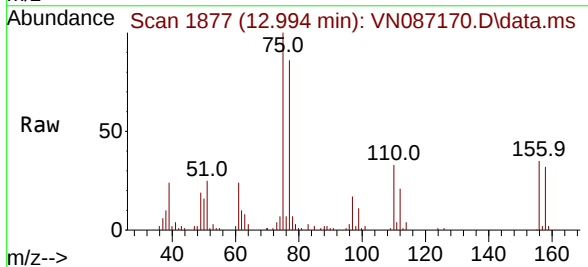
Manual Integrations
APPROVED

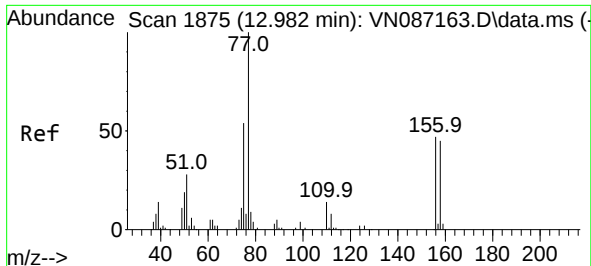
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#72
1,2,3-Trichloropropane
Concen: 21.895 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN087170.D
Acq: 25 Jun 2025 12:15

Tgt Ion: 75 Resp: 69027
Ion Ratio Lower Upper
75 100
77 175.8 0.0 379.2





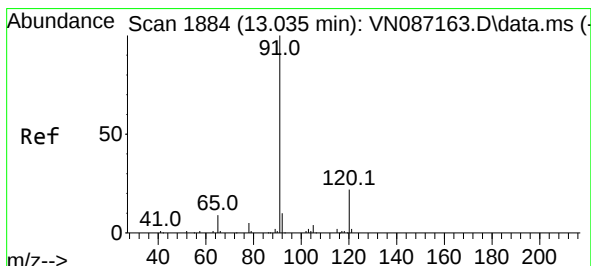
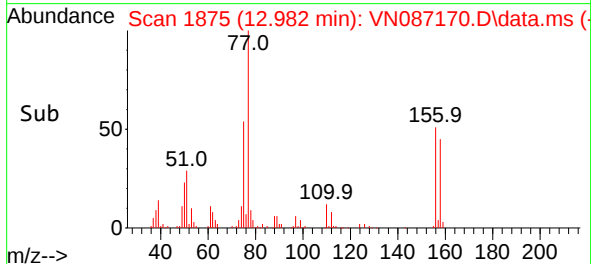
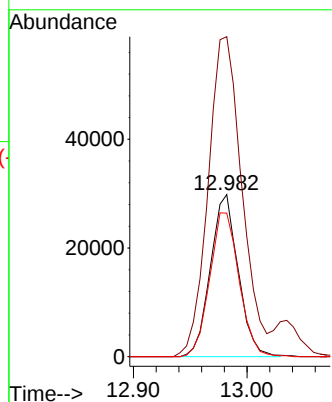
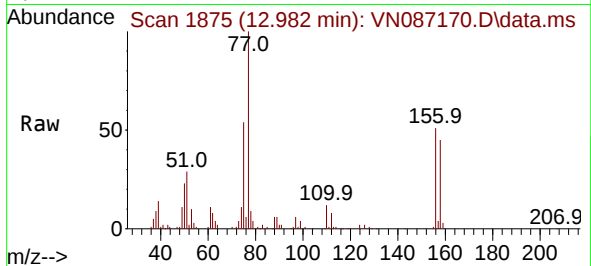
#73
Bromobenzene
Concen: 20.588 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN087170.D
Acq: 25 Jun 2025 12:15

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

Tgt Ion:156 Resp: 50720
Ion Ratio Lower Upper
156 100
77 239.2 0.0 489.0
158 93.7 0.0 195.2

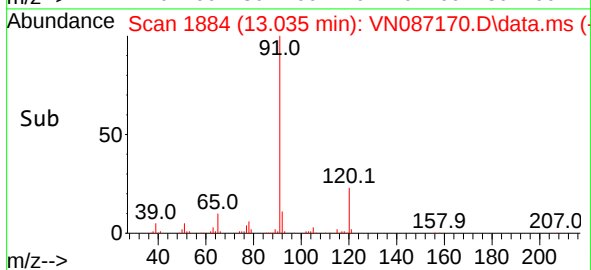
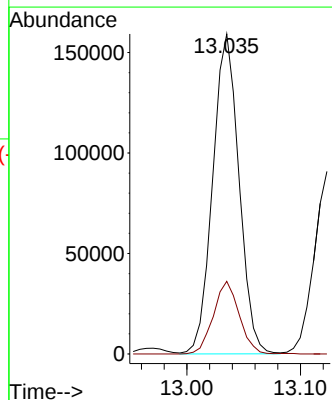
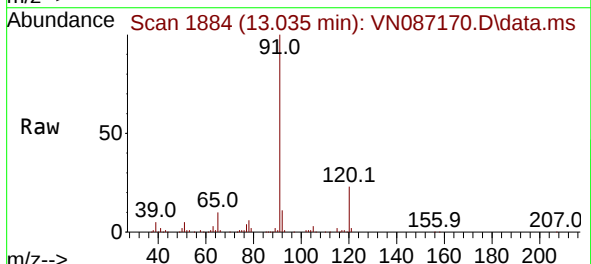
Manual Integrations
APPROVED

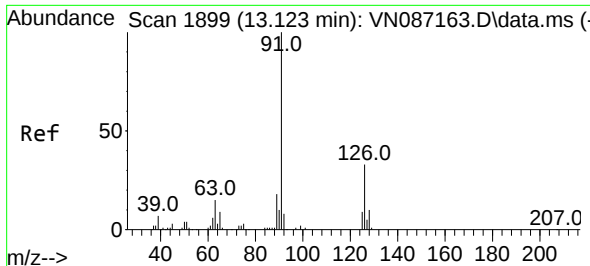
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#74
n-propylbenzene
Concen: 20.611 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN087170.D
Acq: 25 Jun 2025 12:15

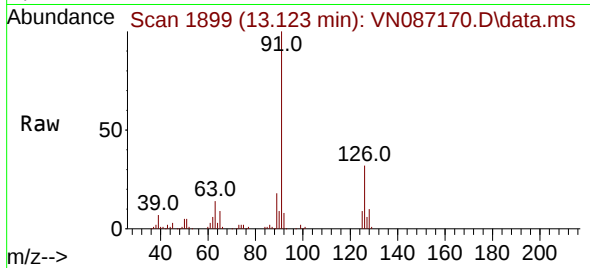
Tgt Ion: 91 Resp: 255752
Ion Ratio Lower Upper
91 100
120 22.2 0.0 43.6





#75
2-Chlorotoluene
Concen: 20.545 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN087170.D
Acq: 25 Jun 2025 12:15

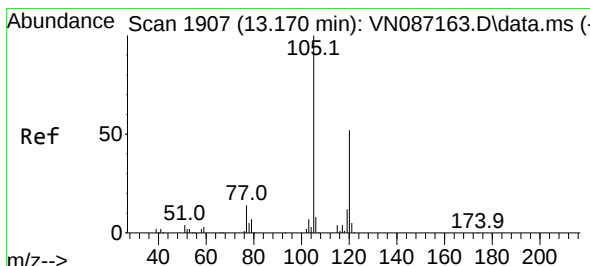
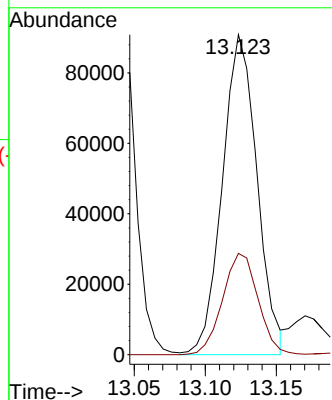
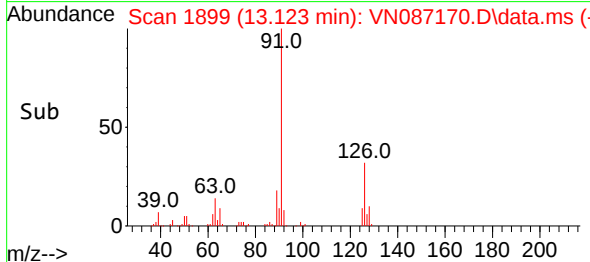
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01



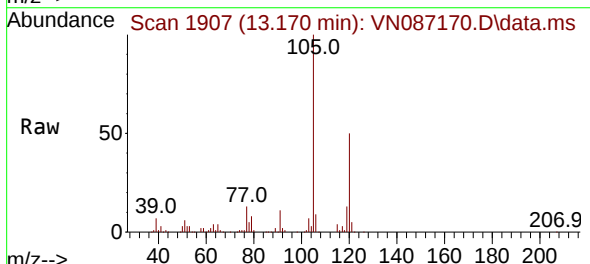
Tgt Ion: 91 Resp: 15401
Ion Ratio Lower Upper
91 100
126 32.4 0.0 63.8

Manual Integrations
APPROVED

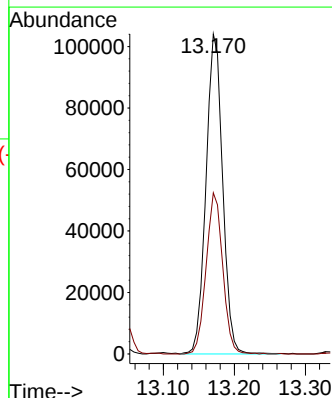
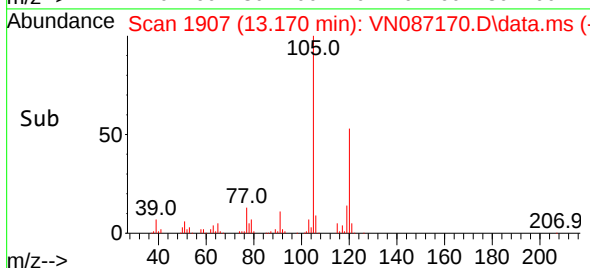
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025

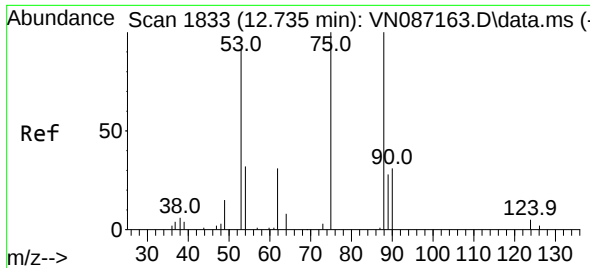


#76
1,3,5-Trimethylbenzene
Concen: 20.535 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN087170.D
Acq: 25 Jun 2025 12:15



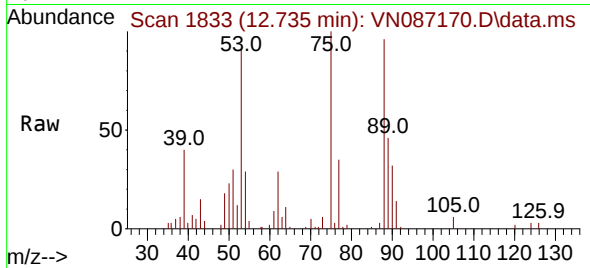
Tgt Ion:105 Resp: 169792
Ion Ratio Lower Upper
105 100
120 50.1 0.0 100.8





#77
t-1,4-Dichloro-2-butene
Concen: 20.814 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN087170.D
Acq: 25 Jun 2025 12:15

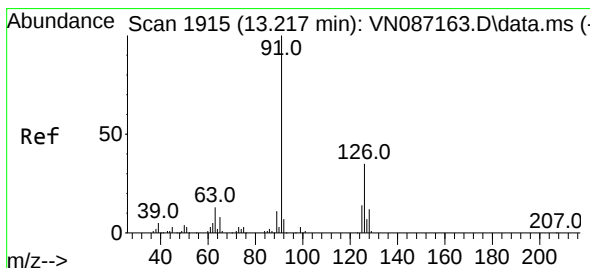
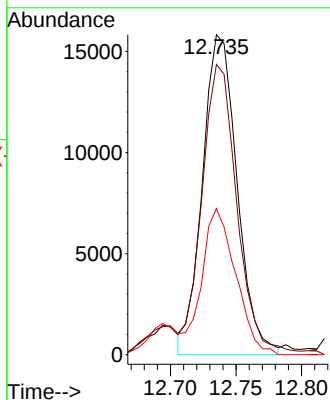
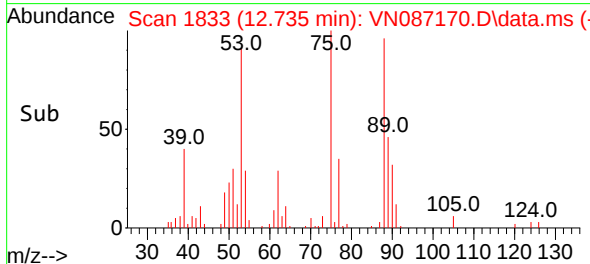
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01



Tgt Ion: 75 Resp: 29108
Ion Ratio Lower Upper
75 100
53 89.9 45.9 137.6
89 46.7 22.3 66.9

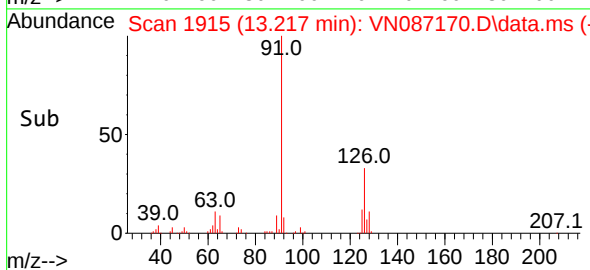
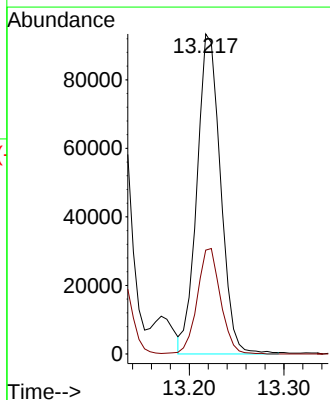
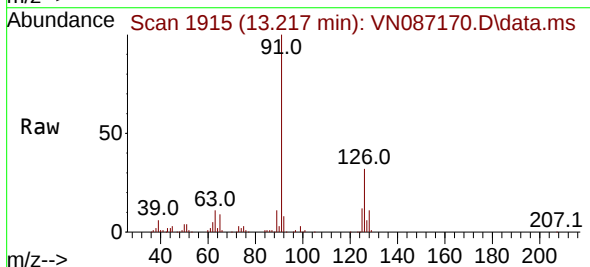
Manual Integrations
APPROVED

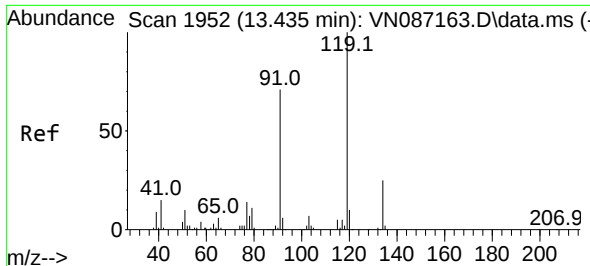
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#78
4-Chlorotoluene
Concen: 21.056 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN087170.D
Acq: 25 Jun 2025 12:15

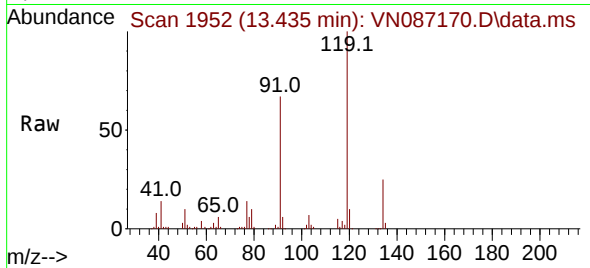
Tgt Ion: 91 Resp: 161663
Ion Ratio Lower Upper
91 100
126 32.6 0.0 65.2





#79
tert-butylbenzene
Concen: 21.208 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN087170.D
Acq: 25 Jun 2025 12:15

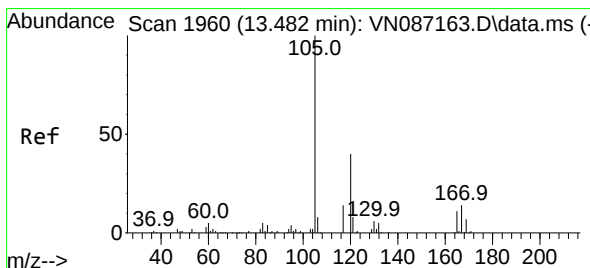
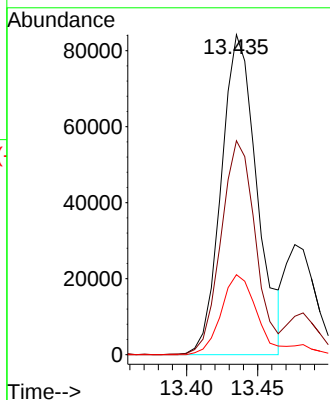
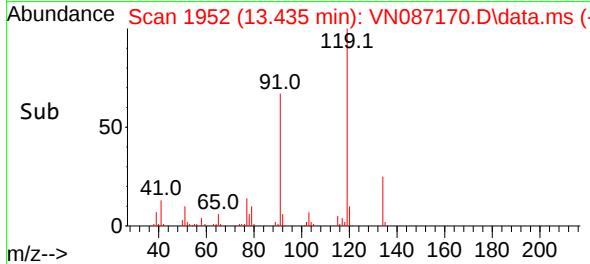
Instrument : MSVOA_N
ClientSampleId : VN0625WBSD01



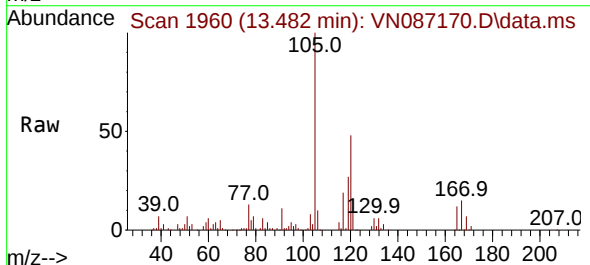
Tgt Ion:119 Resp: 14740
Ion Ratio Lower Upper
119 100
91 64.1 0.0 137.0
134 24.8 0.0 49.4

Manual Integrations
APPROVED

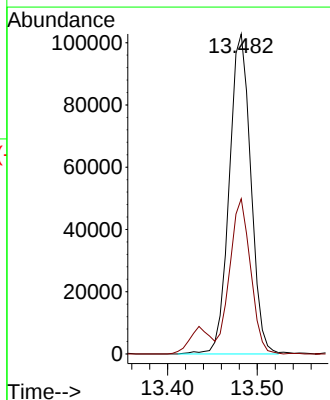
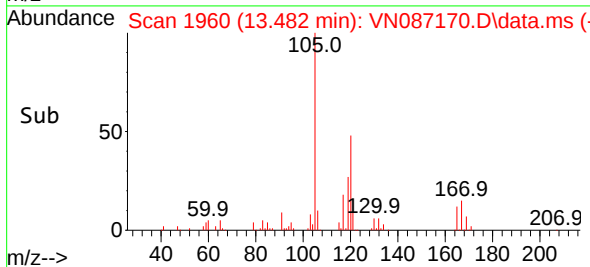
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025

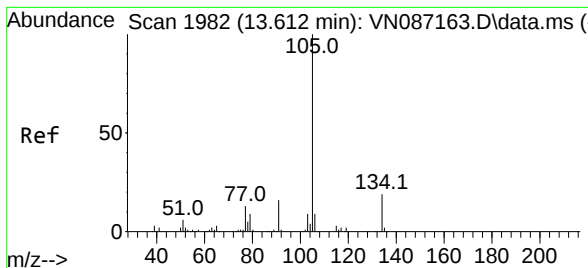


#80
1,2,4-Trimethylbenzene
Concen: 20.665 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN087170.D
Acq: 25 Jun 2025 12:15



Tgt Ion:105 Resp: 171579
Ion Ratio Lower Upper
105 100
120 46.7 0.0 94.0





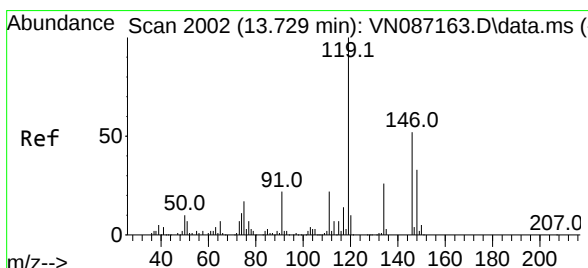
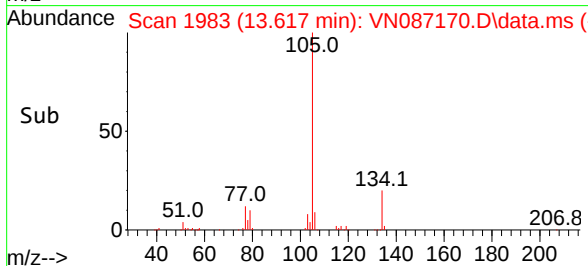
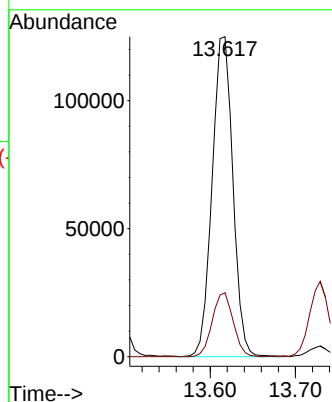
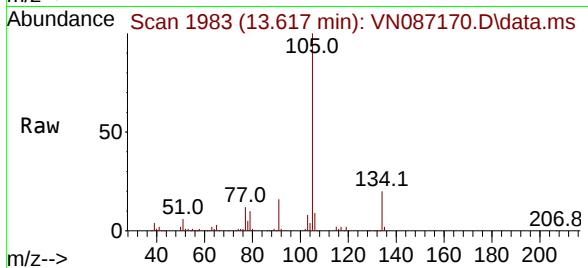
#81
 sec-Butylbenzene
 Concen: 20.935 ug/l
 RT: 13.617 min Scan# 1982
 Delta R.T. 0.006 min
 Lab File: VN087170.D
 Acq: 25 Jun 2025 12:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD01

Tgt Ion:105 Resp: 211519
 Ion Ratio Lower Upper
 105 100
 134 20.0 0.0 39.4

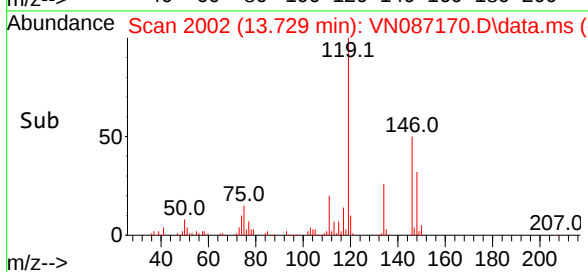
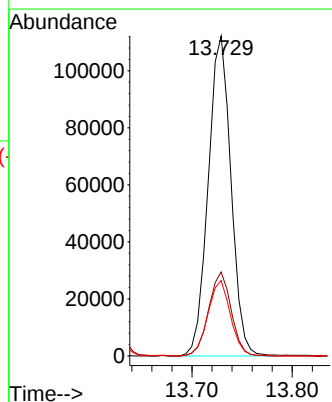
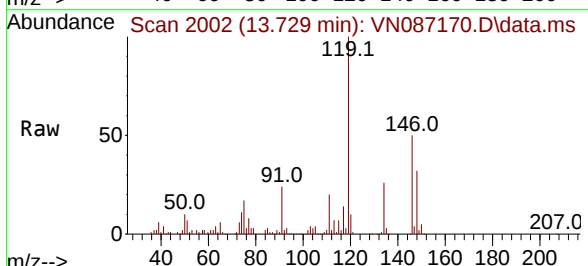
Manual Integrations
 APPROVED

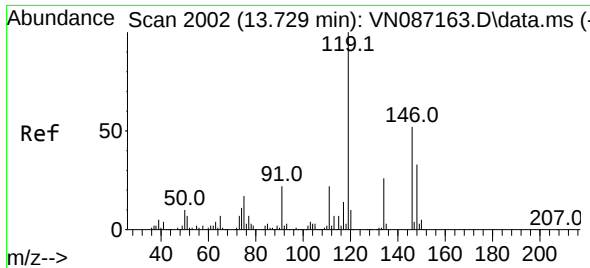
Reviewed By :John Carlone 06/25/2025
 Supervised By :Mahesh Dadoda 06/26/2025



#82
 p-Isopropyltoluene
 Concen: 21.091 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN087170.D
 Acq: 25 Jun 2025 12:15

Tgt Ion:119 Resp: 177338
 Ion Ratio Lower Upper
 119 100
 134 25.9 0.0 51.2
 91 23.4 0.0 46.4





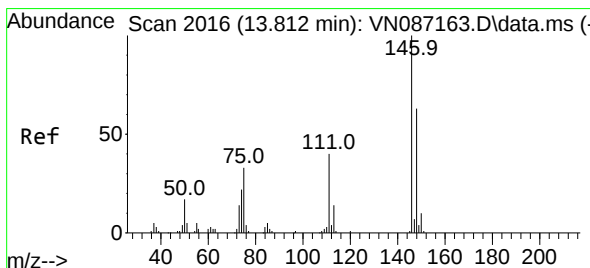
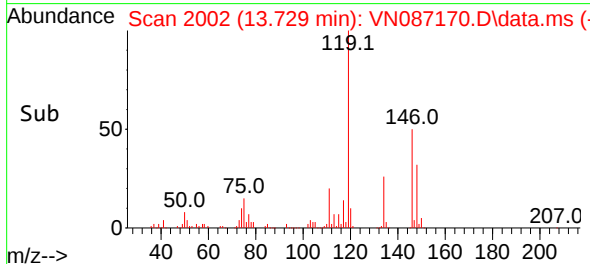
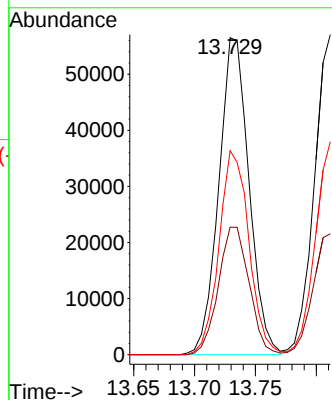
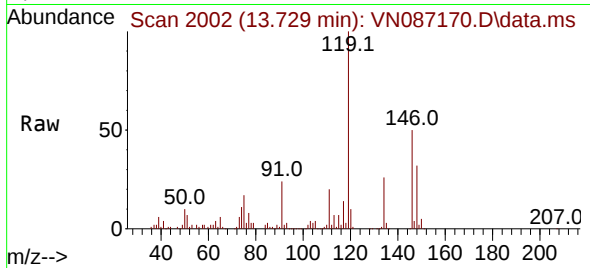
#83
1,3-Dichlorobenzene
Concen: 20.571 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN087170.D
Acq: 25 Jun 2025 12:15

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

Tgt Ion:146 Resp: 97602
Ion Ratio Lower Upper
146 100
111 40.9 21.1 63.3
148 63.9 31.6 94.8

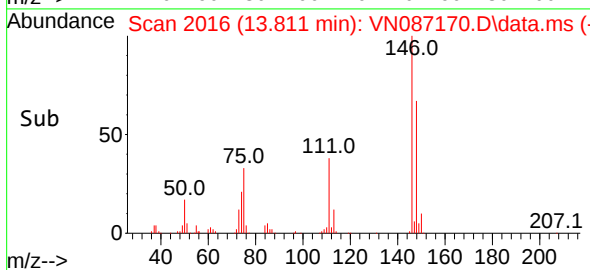
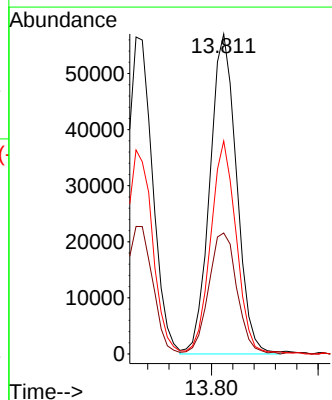
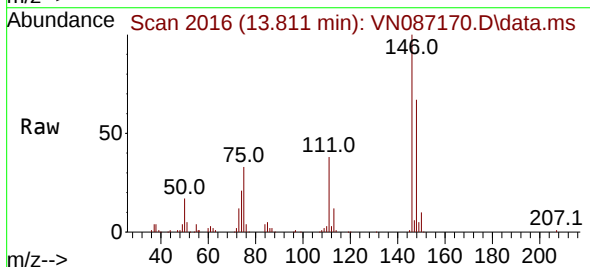
Manual Integrations
APPROVED

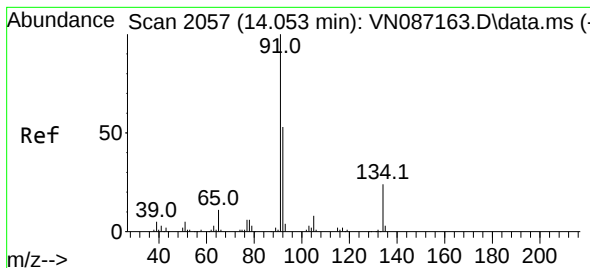
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#84
1,4-Dichlorobenzene
Concen: 20.790 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN087170.D
Acq: 25 Jun 2025 12:15

Tgt Ion:146 Resp: 99274
Ion Ratio Lower Upper
146 100
111 40.2 20.1 60.2
148 63.8 31.4 94.2





#85

n-Butylbenzene

Concen: 21.410 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN087170.D

Acq: 25 Jun 2025 12:15

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD01

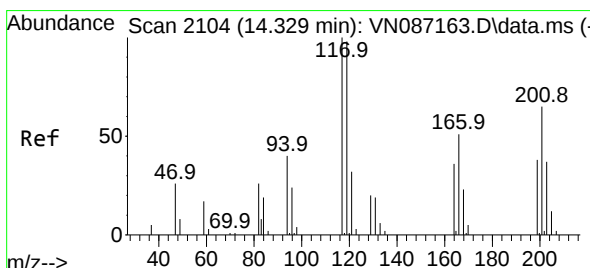
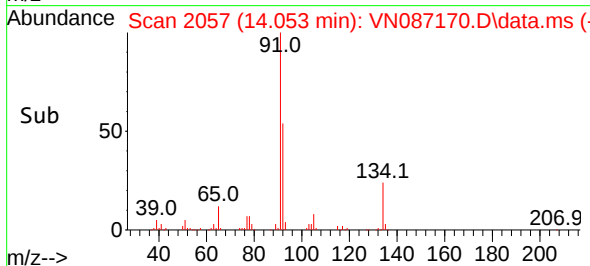
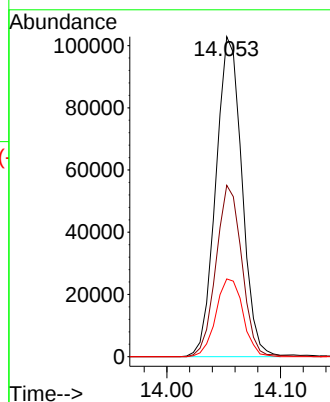
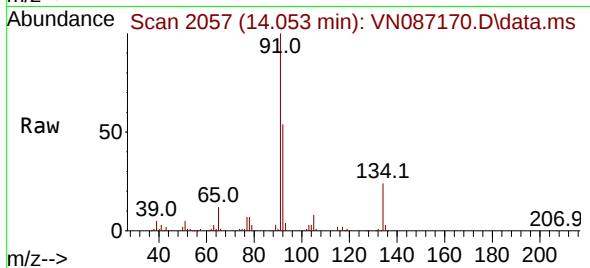
Tgt Ion:	91	Resp:	16425
Ion Ratio	Lower	Upper	
91	100		
92	53.0	0.0	106.4
134	25.2	0.0	48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/25/2025

Supervised By :Mahesh Dadoda 06/26/2025



#86

Hexachloroethane

Concen: 20.349 ug/l

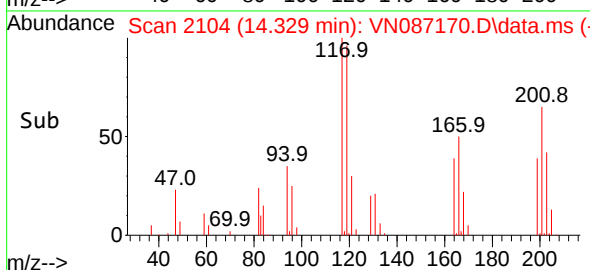
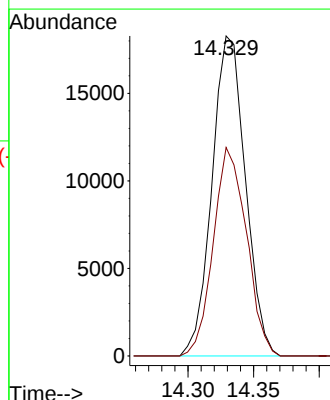
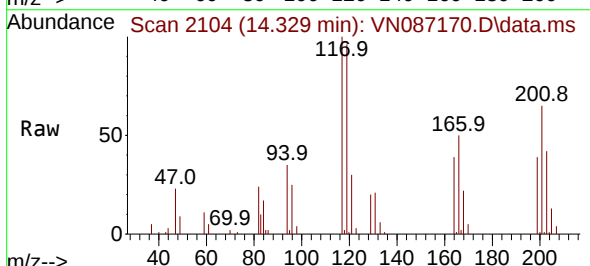
RT: 14.329 min Scan# 2104

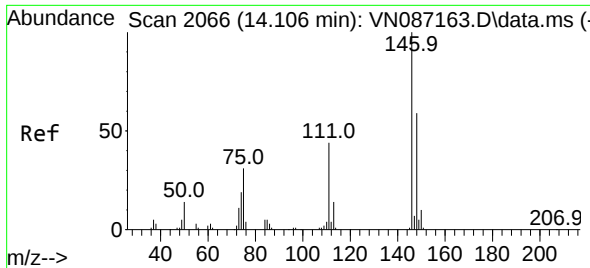
Delta R.T. -0.000 min

Lab File: VN087170.D

Acq: 25 Jun 2025 12:15

Tgt Ion:	117	Resp:	32388
Ion Ratio	Lower	Upper	
117	100		
201	64.6	30.8	92.3





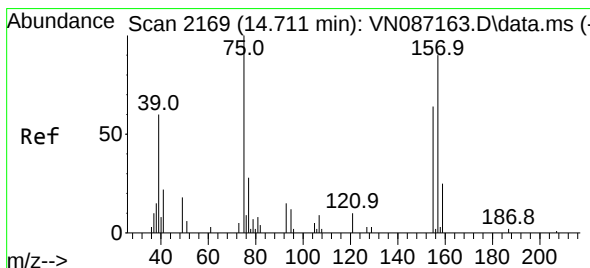
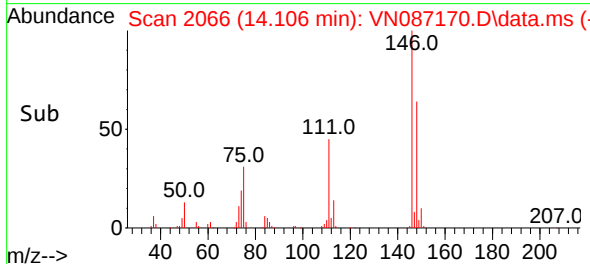
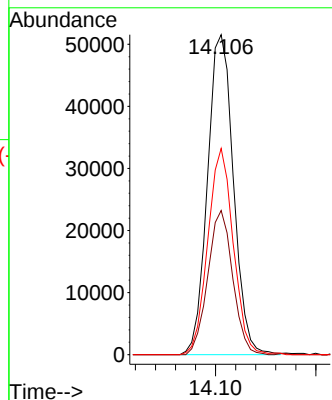
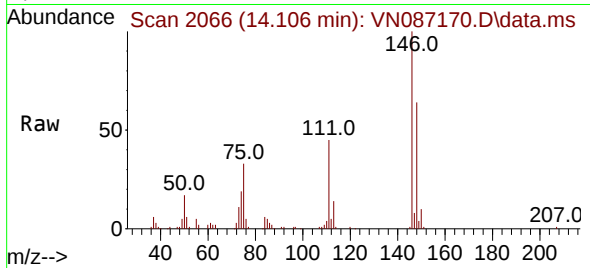
#87
1,2-Dichlorobenzene
Concen: 20.744 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN087170.D
Acq: 25 Jun 2025 12:15

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

Tgt Ion:146 Resp: 9280
Ion Ratio Lower Upper
146 100
111 43.1 22.1 66.1
148 63.0 31.6 95.0

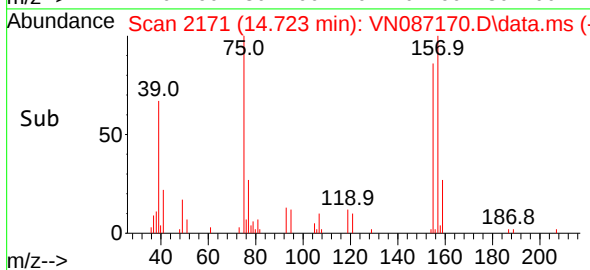
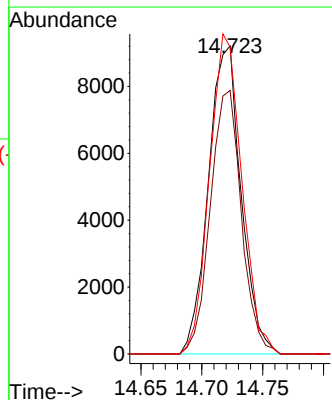
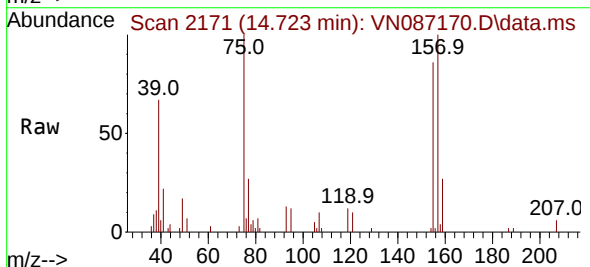
Manual Integrations
APPROVED

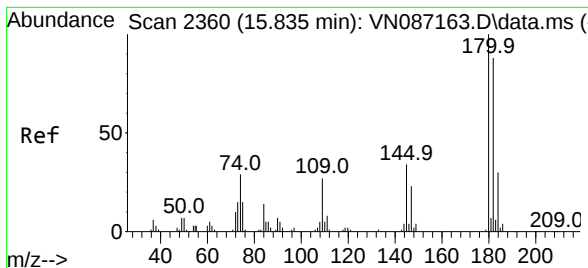
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#88
1,2-Dibromo-3-Chloropropane
Concen: 20.926 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.012 min
Lab File: VN087170.D
Acq: 25 Jun 2025 12:15

Tgt Ion: 75 Resp: 17227
Ion Ratio Lower Upper
75 100
155 81.1 58.3 87.5
157 102.2 79.2 118.8





#89

1,2,4-Trichlorobenzene

Concen: 18.912 ug/l

RT: 15.841 min Scan# 2360

Delta R.T. 0.006 min

Lab File: VN087170.D

Acq: 25 Jun 2025 12:15

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD01

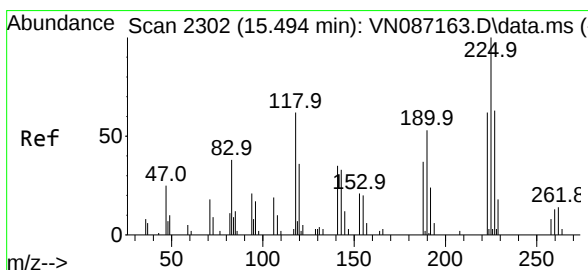
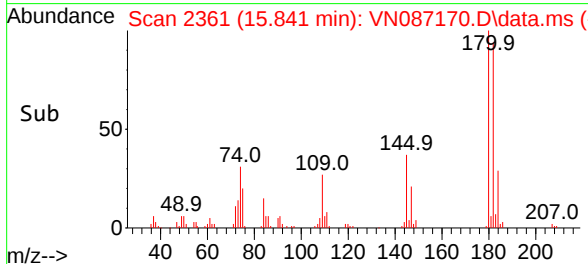
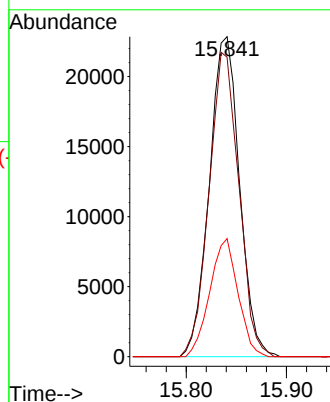
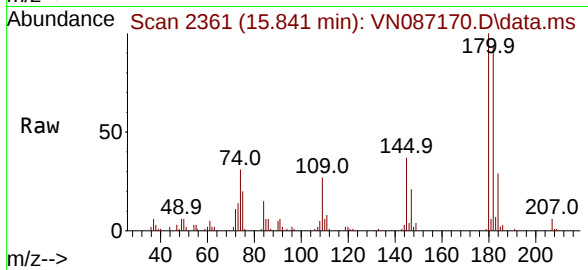
Tgt Ion:	180	Resp:	4786
Ion Ratio	Lower	Upper	
180	100		
182	93.8	74.2	111.2
145	34.4	27.6	41.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/25/2025

Supervised By :Mahesh Dadoda 06/26/2025



#90

Hexachlorobutadiene

Concen: 21.367 ug/l

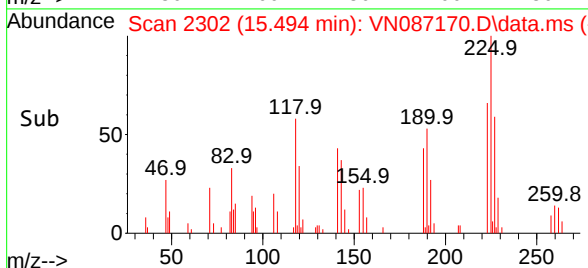
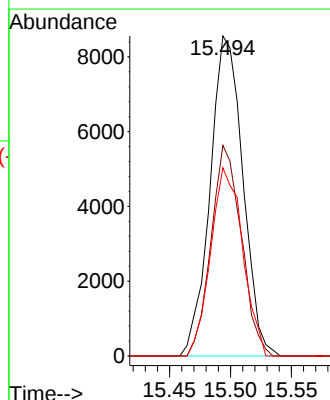
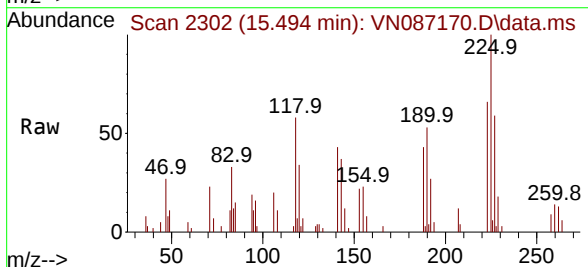
RT: 15.494 min Scan# 2302

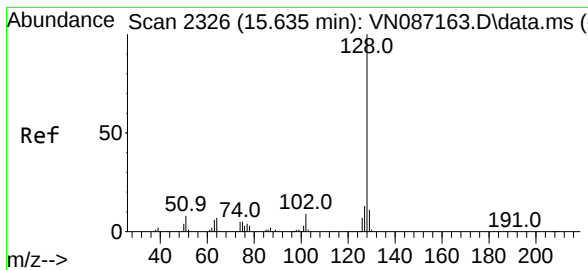
Delta R.T. -0.000 min

Lab File: VN087170.D

Acq: 25 Jun 2025 12:15

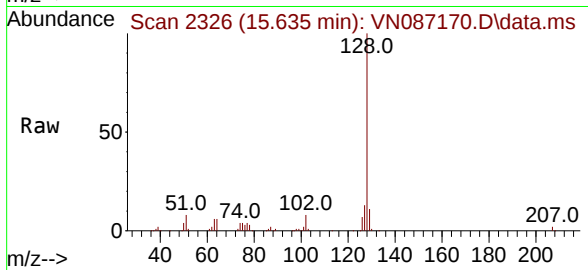
Tgt Ion:	225	Resp:	16048
Ion Ratio	Lower	Upper	
225	100		
223	60.7	0.0	134.2
227	57.3	0.0	122.6





#91
Naphthalene
Concen: 18.729 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN087170.D
Acq: 25 Jun 2025 12:15

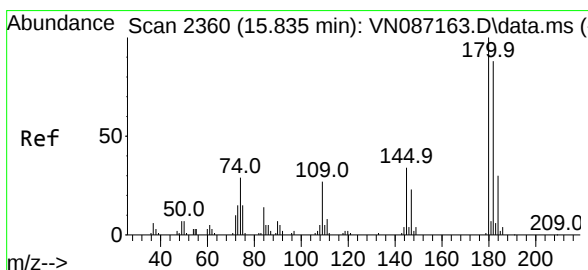
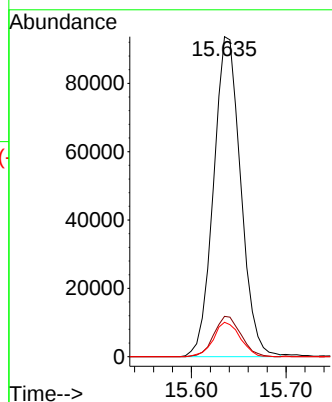
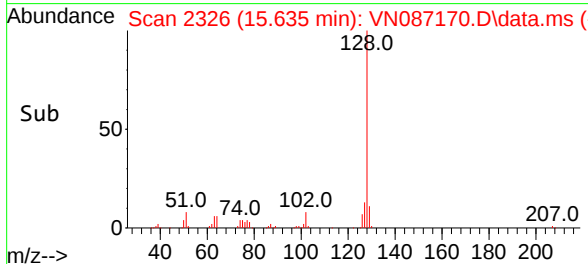
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01



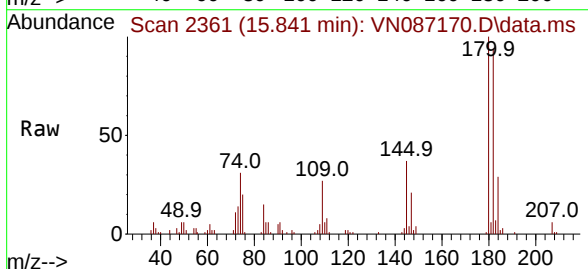
Tgt Ion:128 Resp: 186560
Ion Ratio Lower Upper
128 100
127 12.5 10.6 15.8
129 10.6 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#92
1,2,3-Trichlorobenzene
Concen: 18.912 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN087170.D
Acq: 25 Jun 2025 12:15



Tgt Ion:180 Resp: 47867
Ion Ratio Lower Upper
180 100
182 93.8 0.0 185.4
145 34.4 0.0 69.0

