

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032425\
 Data File : VN086069.D
 Acq On : 24 Mar 2025 14:00
 Operator : JC\MD
 Sample : VN0324WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0324WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/25/2025
 Supervised By : Mahesh Dadoda 03/25/2025

Quant Time: Mar 25 01:22:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	162414	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	258911	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	235727	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	121424	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	113520	51.043	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.080%			
35) Dibromofluoromethane	8.165	113	91856	50.829	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.660%			
50) Toluene-d8	10.565	98	332989	50.770	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.540%			
62) 4-Bromofluorobenzene	12.847	95	117946	50.425	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.840%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	39332	18.279	ug/l	97
3) Chloromethane	2.359	50	34075	18.064	ug/l	98
4) Vinyl Chloride	2.512	62	35999	18.664	ug/l	100
5) Bromomethane	2.953	94	23531	17.911	ug/l	96
6) Chloroethane	3.124	64	21684	17.821	ug/l	92
7) Trichlorofluoromethane	3.500	101	60763	17.525	ug/l	96
8) Diethyl Ether	3.965	74	19343	18.224	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.377	101	34338	18.634	ug/l	99
10) Methyl Iodide	4.589	142	43585	18.152	ug/l #	96
11) Tert butyl alcohol	5.518	59	25565	81.190	ug/l	100
12) 1,1-Dichloroethene	4.342	96	29785	17.900	ug/l	92
13) Acrolein	4.177	56	31172	92.817	ug/l	96
14) Allyl chloride	5.018	41	34385	16.564	ug/l	99
15) Acrylonitrile	5.718	53	78847	94.814	ug/l	99
16) Acetone	4.430	43	57956	85.298	ug/l	96
17) Carbon Disulfide	4.712	76	89617	16.377	ug/l	99
18) Methyl Acetate	5.018	43	33928	20.182	ug/l	98
19) Methyl tert-butyl Ether	5.800	73	96829	17.759	ug/l	99
20) Methylene Chloride	5.277	84	37630	18.932	ug/l	99
21) trans-1,2-Dichloroethene	5.783	96	33164	18.238	ug/l	98
22) Diisopropyl ether	6.671	45	87929	19.877	ug/l	98
23) Vinyl Acetate	6.606	43	311092	92.770	ug/l	99
24) 1,1-Dichloroethane	6.565	63	61921	19.036	ug/l	98
25) 2-Butanone	7.483	43	85517	87.226	ug/l	93
26) 2,2-Dichloropropane	7.488	77	54928	17.539	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	38191	18.482	ug/l	98
28) Bromochloromethane	7.812	49	27907	20.249	ug/l	99
29) Tetrahydrofuran	7.835	42	57517	95.027	ug/l	98
30) Chloroform	7.959	83	67726	18.836	ug/l	96
31) Cyclohexane	8.253	56	47477	17.133	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	60938	17.905	ug/l	99
36) 1,1-Dichloropropene	8.371	75	43318	18.204	ug/l	98
37) Ethyl Acetate	7.559	43	34788	17.329	ug/l	98
38) Carbon Tetrachloride	8.359	117	56681	18.116	ug/l	98
39) Methylcyclohexane	9.600	83	39101	16.562	ug/l	93
40) Benzene	8.606	78	141532	18.946	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	18938	19.756	ug/l	96
42) 1,2-Dichloroethane	8.665	62	49242	18.918	ug/l	99
43) Isopropyl Acetate	8.688	43	64276	14.775	ug/l	98
44) Trichloroethene	9.347	130	32369	16.719	ug/l	94
45) 1,2-Dichloropropane	9.618	63	33318	19.610	ug/l	94
46) Dibromomethane	9.706	93	25904	19.387	ug/l	99
47) Bromodichloromethane	9.888	83	53170	19.040	ug/l	94
48) Methyl methacrylate	9.677	41	26663	18.574	ug/l	98
49) 1,4-Dioxane	9.694	88	12949	381.582	ug/l	99
51) 4-Methyl-2-Pentanone	10.441	43	184157	95.988	ug/l	98
52) Toluene	10.629	92	91169	19.885	ug/l	96
53) t-1,3-Dichloropropene	10.835	75	51098	18.841	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	52762	18.439	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	34916	19.953	ug/l	95
56) Ethyl methacrylate	10.871	69	43390	18.297	ug/l	97
57) 1,3-Dichloropropane	11.159	76	57650	19.397	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	110088	119.303	ug/l	99
59) 2-Hexanone	11.194	43	132338	94.687	ug/l	98
60) Dibromochloromethane	11.353	129	44130	19.543	ug/l	100
61) 1,2-Dibromoethane	11.465	107	34673	19.301	ug/l	100
64) Tetrachloroethene	11.100	164	34706	18.457	ug/l	97
65) Chlorobenzene	11.888	112	97585	18.091	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	37572	18.738	ug/l	99
67) Ethyl Benzene	11.959	91	153645	17.807	ug/l	99
68) m/p-Xylenes	12.070	106	125241	36.929	ug/l	98
69) o-Xylene	12.400	106	57330	18.418	ug/l	96
70) Styrene	12.412	104	97515	18.342	ug/l	99
71) Bromoform	12.576	173	30919	18.446	ug/l #	99
73) Isopropylbenzene	12.694	105	139841	16.865	ug/l	99
74) N-amyl acetate	12.494	43	47183	17.008	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	48431	17.264	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	52605m	19.351	ug/l	
77) Bromobenzene	12.976	156	40210	17.391	ug/l	99
78) n-propylbenzene	13.035	91	169117	18.012	ug/l	97
79) 2-Chlorotoluene	13.123	91	111173	17.826	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	125141	17.875	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	17979	17.485	ug/l	97
82) 4-Chlorotoluene	13.217	91	116444	18.157	ug/l	100
83) tert-Butylbenzene	13.435	119	96768	16.162	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	123520	17.493	ug/l	98
85) sec-Butylbenzene	13.612	105	137416	17.593	ug/l	100
86) p-Isopropyltoluene	13.729	119	112898	17.075	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	74398	17.852	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	74587	17.034	ug/l	98
89) n-Butylbenzene	14.053	91	89830	16.684	ug/l	97
90) Hexachloroethane	14.329	117	26422	17.318	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	70181	16.940	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	9536	17.029	ug/l	92
93) 1,2,4-Trichlorobenzene	15.388	180	32430	15.568	ug/l	98
94) Hexachlorobutadiene	15.500	225	18176	15.039	ug/l	96
95) Naphthalene	15.635	128	83907	13.910	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	30420	15.389	ug/l	95

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MSVOA_N
ClientSampleId :
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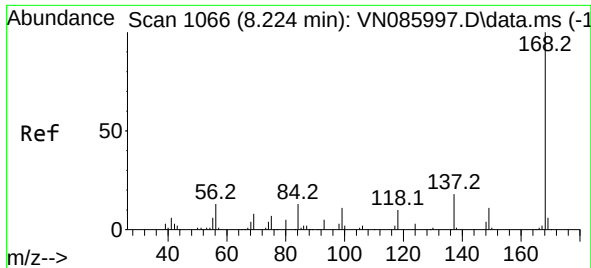
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025

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Quant Title : SW846 8260
QLast Update : Wed Mar 19 03:20:56 2025
Response via : Initial Calibration

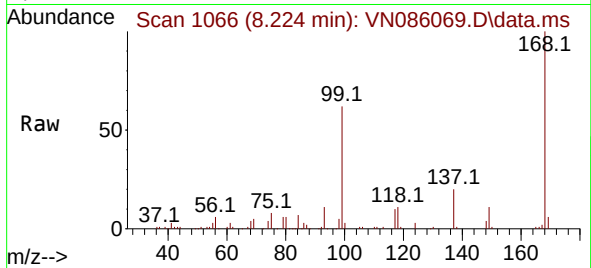
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086069.D
Acq: 24 Mar 2025 14:00

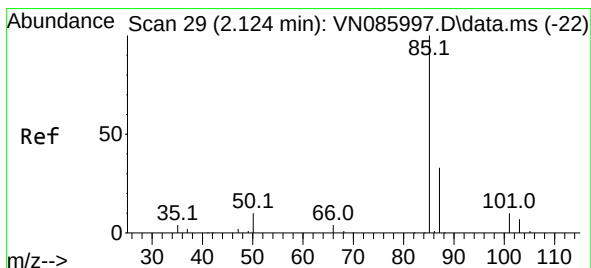
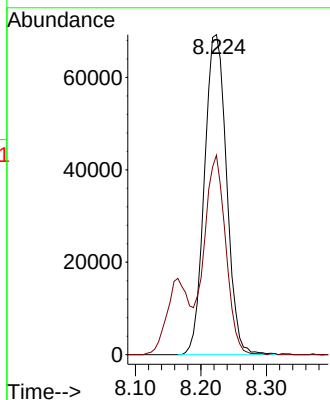
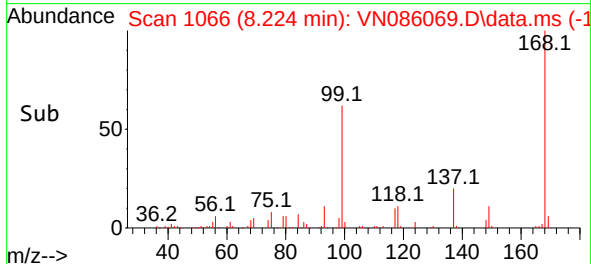
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01



Tgt Ion:168 Resp: 162414
Ion Ratio Lower Upper
168 100
99 62.3 49.4 74.2

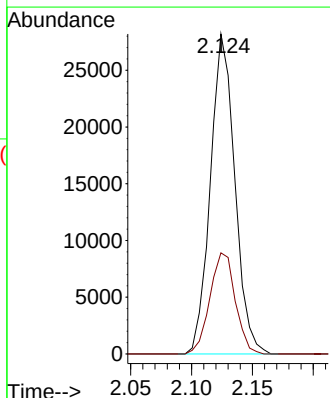
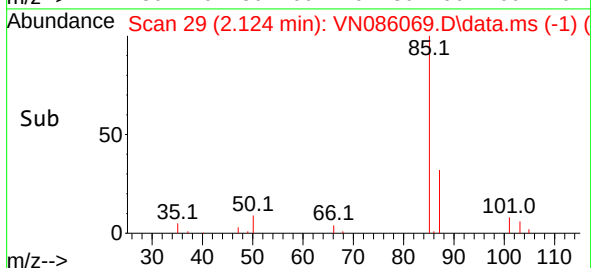
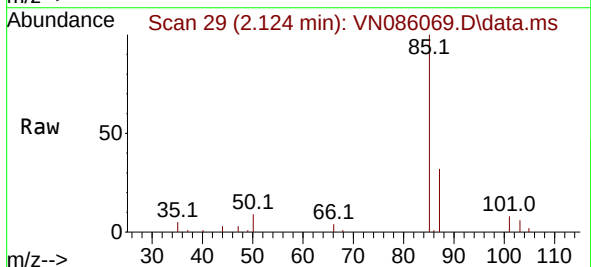
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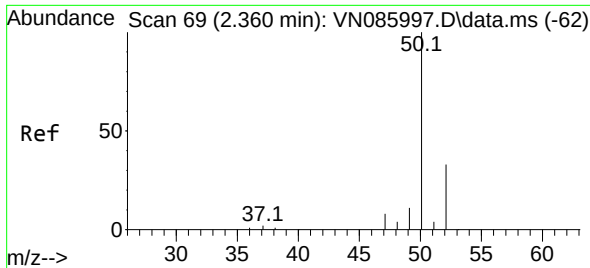
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#2
Dichlorodifluoromethane
Concen: 18.279 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086069.D
Acq: 24 Mar 2025 14:00

Tgt Ion: 85 Resp: 39332
Ion Ratio Lower Upper
85 100
87 31.6 16.5 49.5





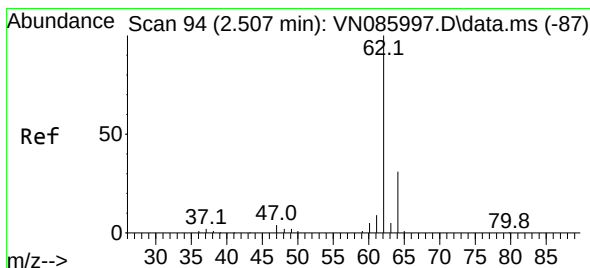
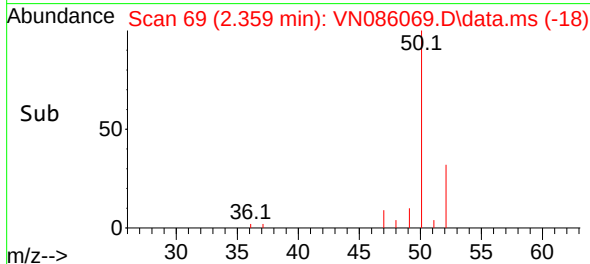
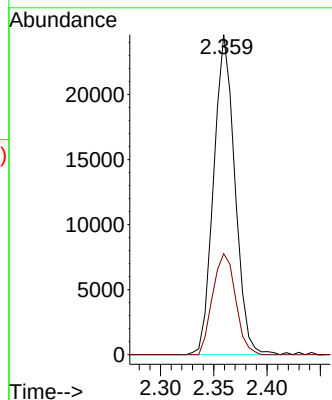
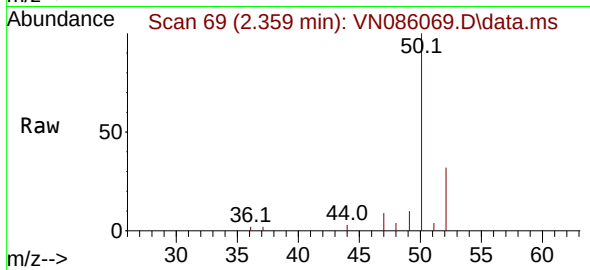
#3
Chloromethane
Concen: 18.064 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086069.D
Acq: 24 Mar 2025 14:00

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01

Tgt Ion: 50 Resp: 34075
Ion Ratio Lower Upper
50 100
52 31.6 26.0 39.0

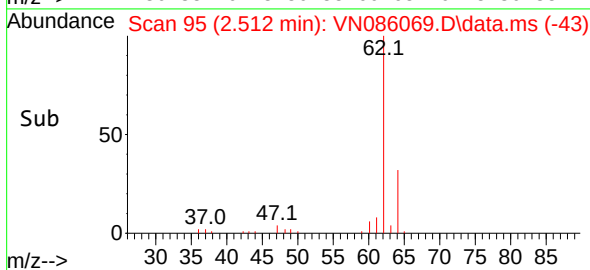
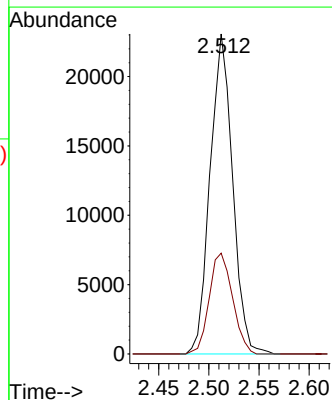
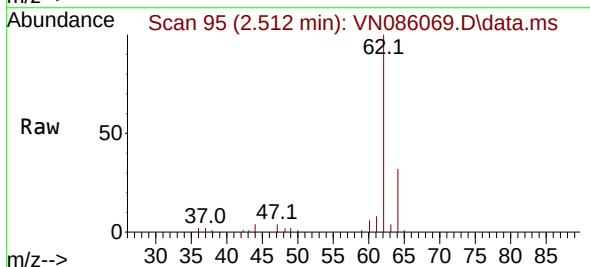
Manual Integrations
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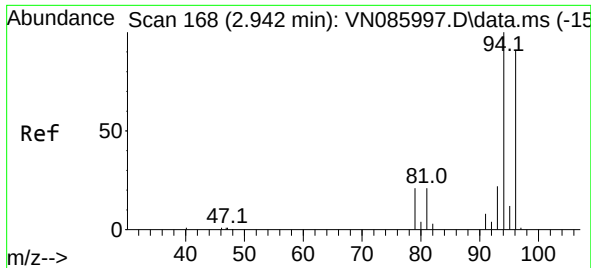
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#4
Vinyl Chloride
Concen: 18.664 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.006 min
Lab File: VN086069.D
Acq: 24 Mar 2025 14:00

Tgt Ion: 62 Resp: 35999
Ion Ratio Lower Upper
62 100
64 31.5 25.2 37.8





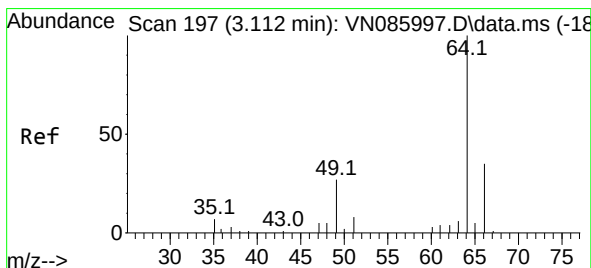
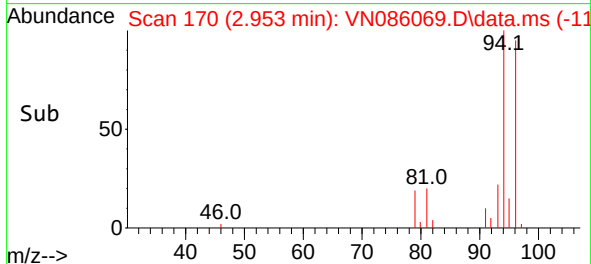
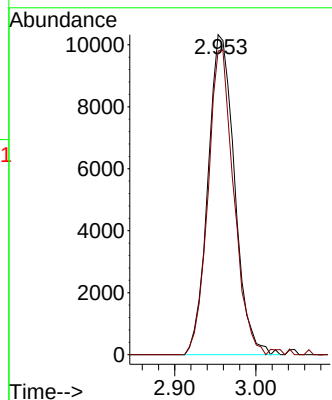
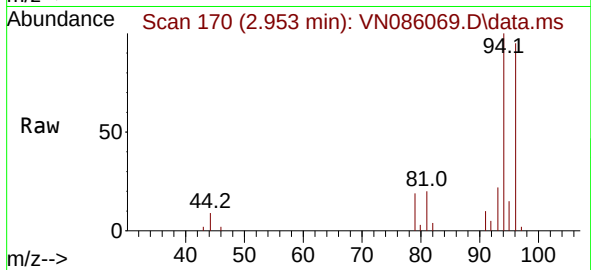
#5
Bromomethane
Concen: 17.911 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN086069.D
Acq: 24 Mar 2025 14:00

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01

Tgt Ion: 94 Resp: 2353
Ion Ratio Lower Upper
94 100
96 94.9 72.8 109.2

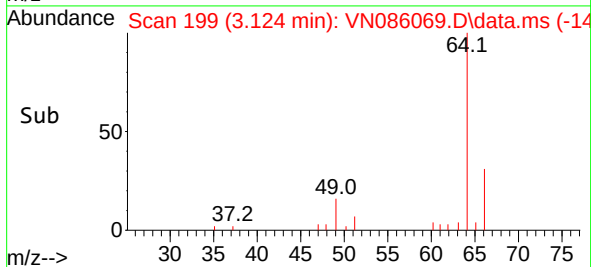
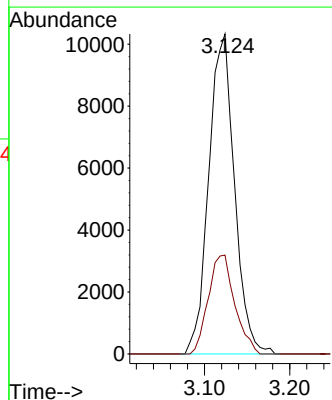
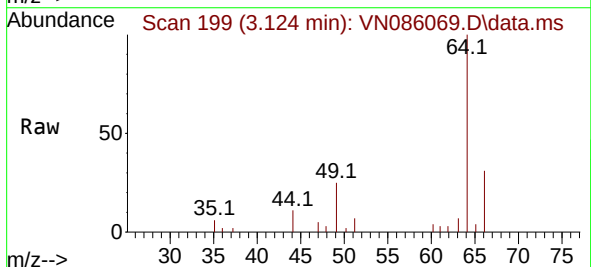
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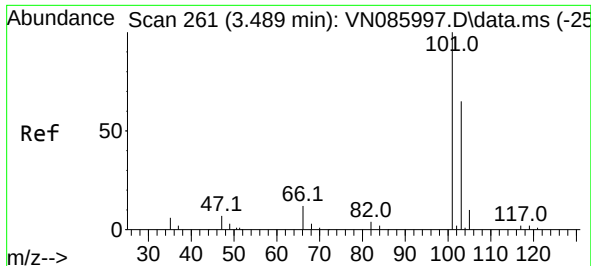
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#6
Chloroethane
Concen: 17.821 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.012 min
Lab File: VN086069.D
Acq: 24 Mar 2025 14:00

Tgt Ion: 64 Resp: 21684
Ion Ratio Lower Upper
64 100
66 30.9 28.3 42.5





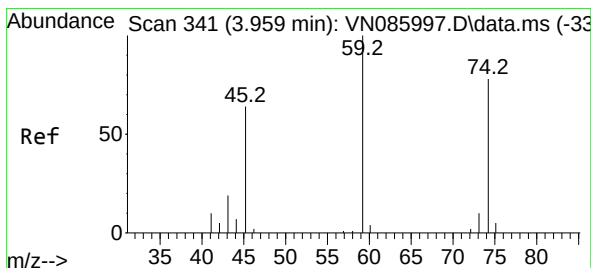
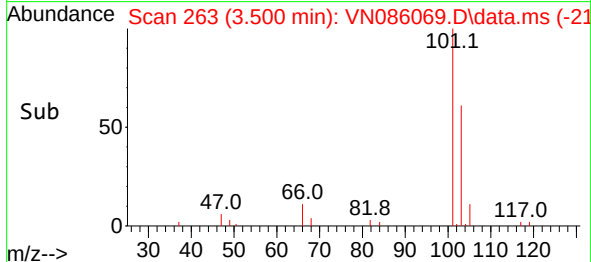
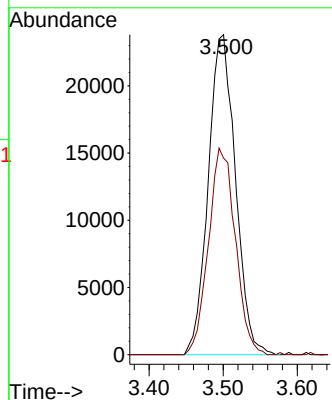
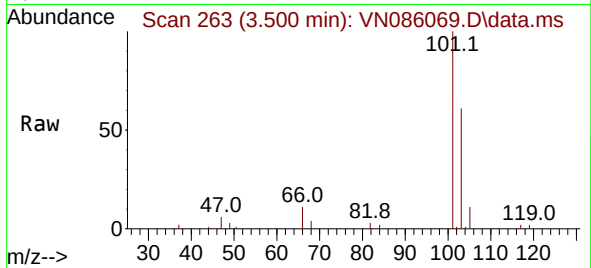
#7
Trichlorofluoromethane
Concen: 17.525 ug/l
RT: 3.500 min Scan# 20
Delta R.T. 0.012 min
Lab File: VN086069.D
Acq: 24 Mar 2025 14:00

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01

Tgt Ion:101 Resp: 6076
Ion Ratio Lower Upper
101 100
103 61.4 51.7 77.5

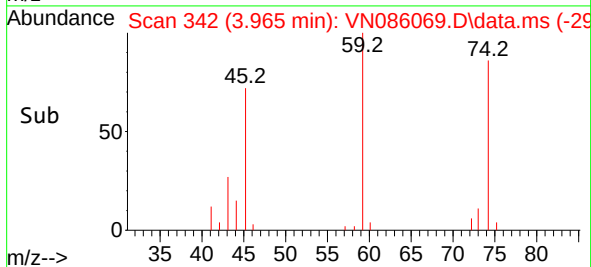
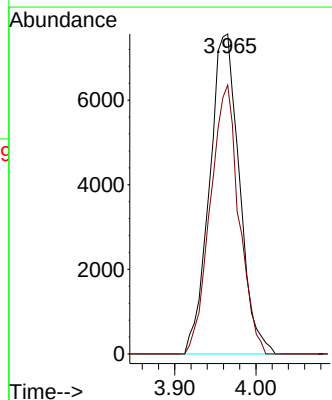
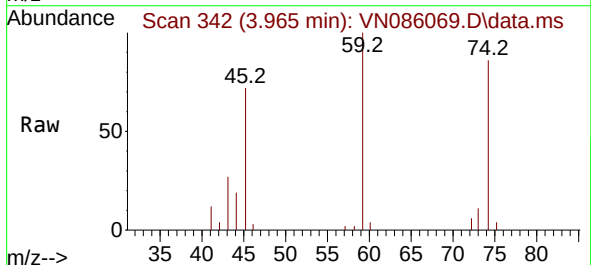
Manual Integrations
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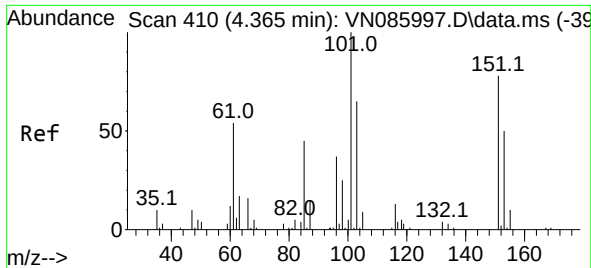
Reviewed By :John Carbone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#8
Diethyl Ether
Concen: 18.224 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.006 min
Lab File: VN086069.D
Acq: 24 Mar 2025 14:00

Tgt Ion: 74 Resp: 19343
Ion Ratio Lower Upper
74 100
45 80.7 38.0 113.9





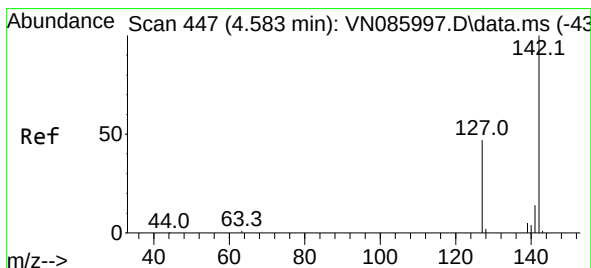
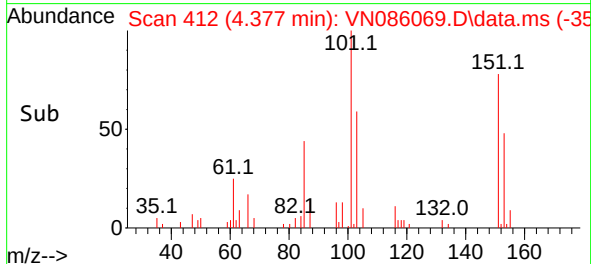
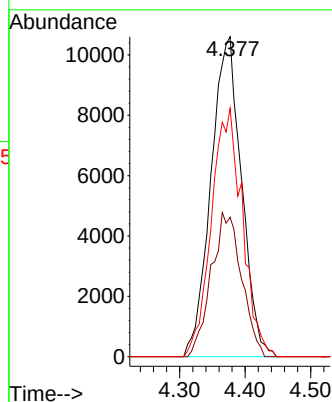
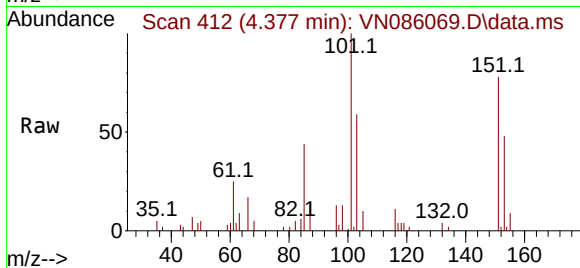
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.634 ug/l
RT: 4.377 min Scan# 410
Delta R.T. 0.012 min
Lab File: VN086069.D
Acq: 24 Mar 2025 14:00

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ClientSampleId :
VN0324WBS01

Tgt Ion:101 Resp: 34338
Ion Ratio Lower Upper
101 100
85 44.6 36.5 54.7
151 78.4 63.4 95.0

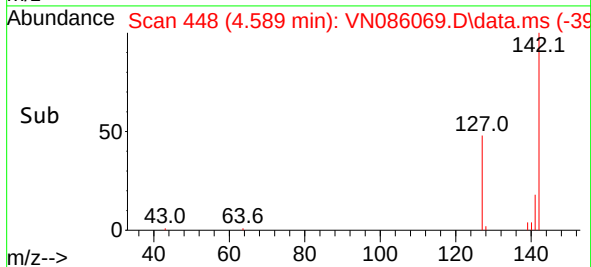
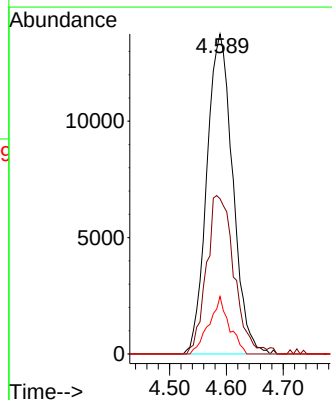
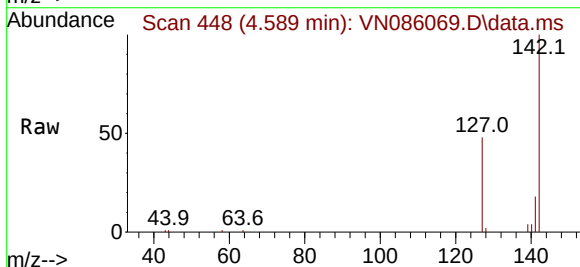
Manual Integrations
APPROVED

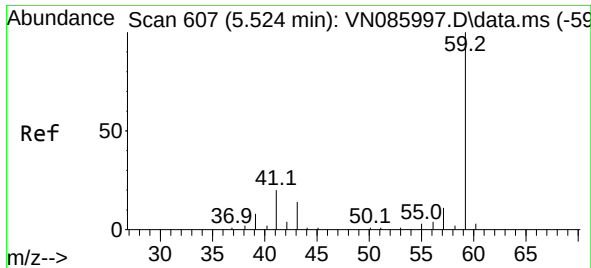
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#10
Methyl Iodide
Concen: 18.152 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN086069.D
Acq: 24 Mar 2025 14:00

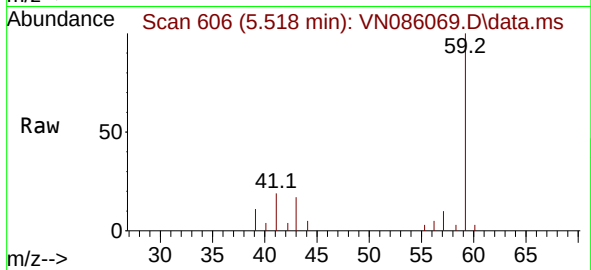
Tgt Ion:142 Resp: 43585
Ion Ratio Lower Upper
142 100
127 48.5 37.5 56.3
141 18.0 11.0 16.6#





#11
Tert butyl alcohol
Concen: 81.190 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN086069.D
Acq: 24 Mar 2025 14:00

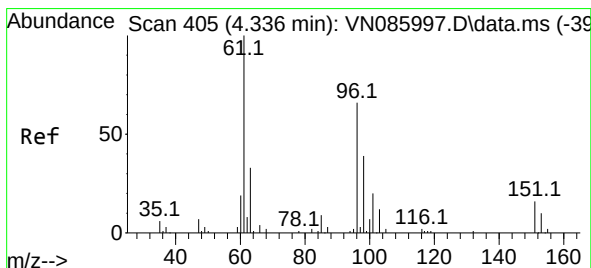
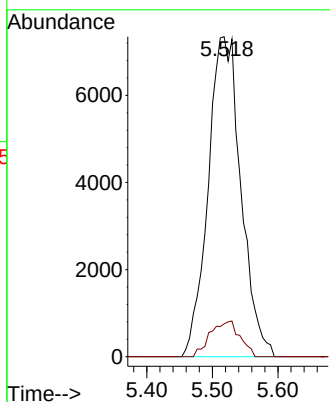
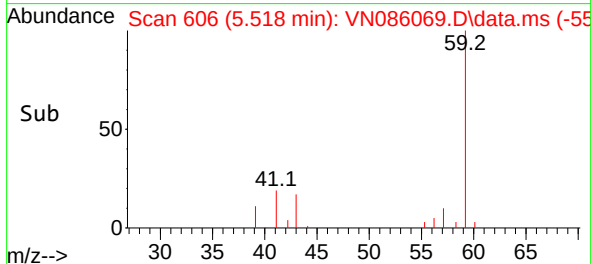
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01



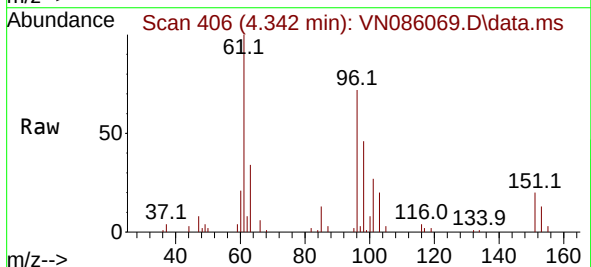
Tgt Ion: 59 Resp: 2556
Ion Ratio Lower Upper
59 100
57 10.0 7.9 11.9

Manual Integrations
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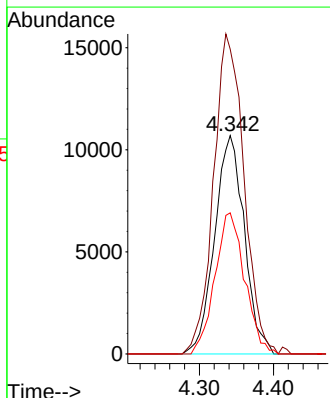
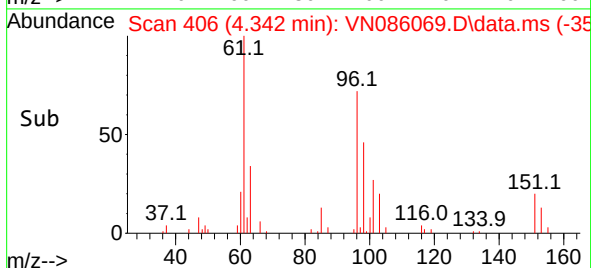
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025

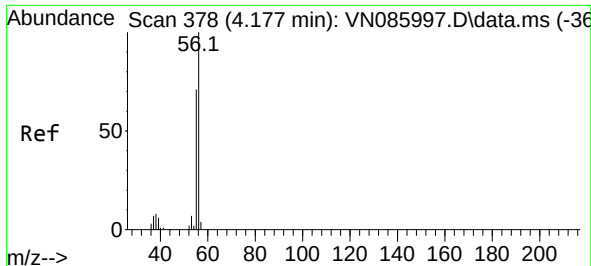


#12
1,1-Dichloroethene
Concen: 17.900 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN086069.D
Acq: 24 Mar 2025 14:00



Tgt Ion: 96 Resp: 29785
Ion Ratio Lower Upper
96 100
61 139.6 120.5 180.7
98 64.6 47.4 71.0





#13

Acrolein

Concen: 92.817 ug/l

RT: 4.177 min Scan# 3117

Delta R.T. -0.000 min

Lab File: VN086069.D

Acq: 24 Mar 2025 14:00

Instrument :

MSVOA_N

ClientSampleId :

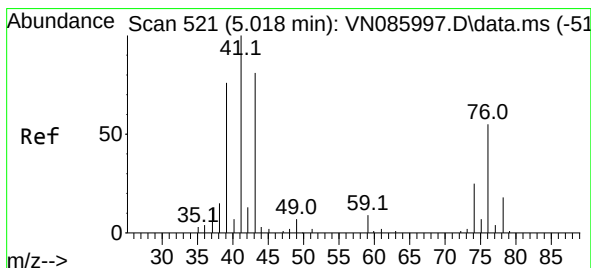
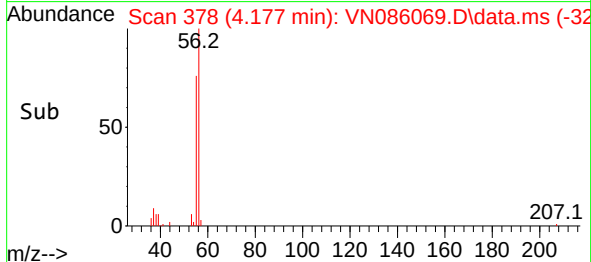
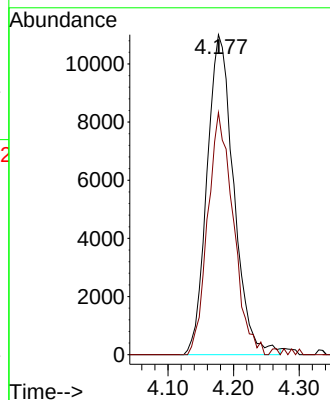
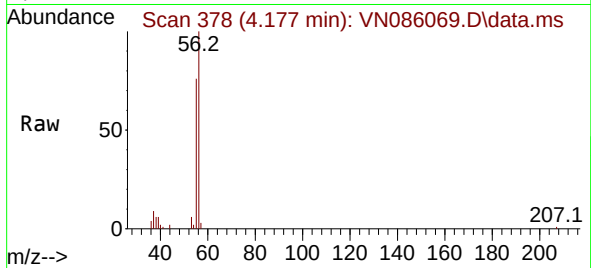
VN0324WBS01

Tgt Ion: 56	Resp: 3117
Ion Ratio	Lower Upper
56 100	
55 72.4	55.1 82.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#14

Allyl chloride

Concen: 16.564 ug/l

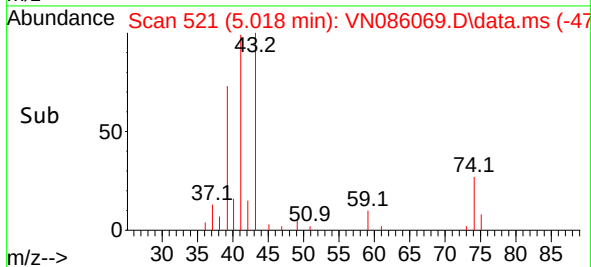
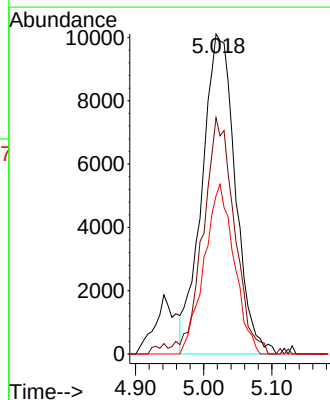
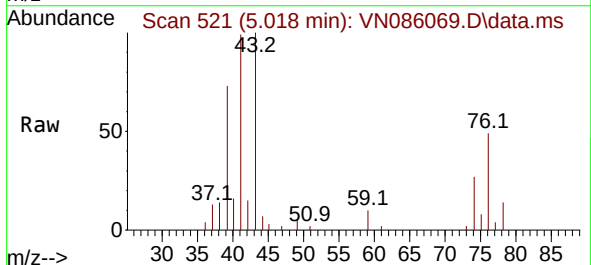
RT: 5.018 min Scan# 521

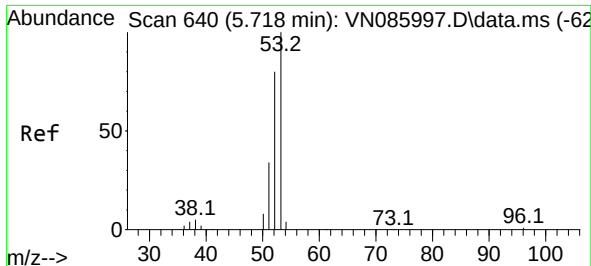
Delta R.T. -0.000 min

Lab File: VN086069.D

Acq: 24 Mar 2025 14:00

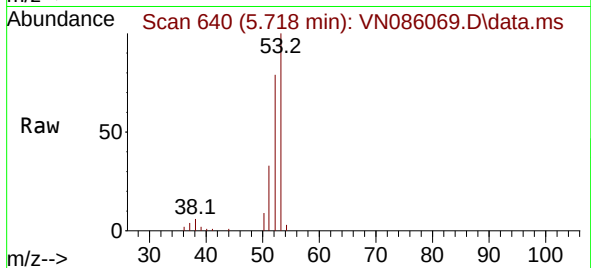
Tgt Ion: 41	Resp: 34385
Ion Ratio	Lower Upper
41 100	
39 69.4	55.5 83.3
76 47.6	39.1 58.7





#15
Acrylonitrile
Concen: 94.814 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN086069.D
Acq: 24 Mar 2025 14:00

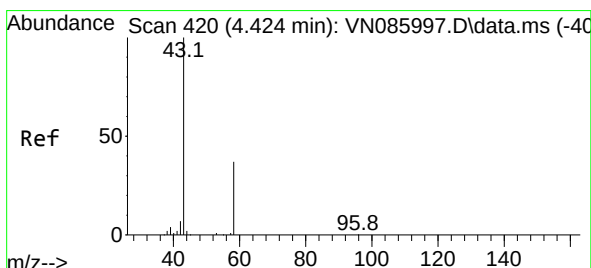
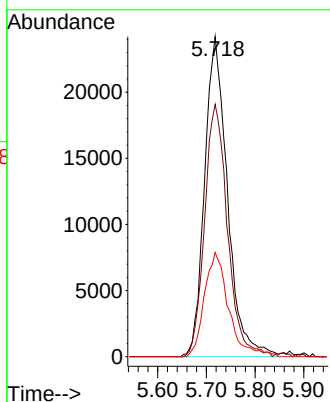
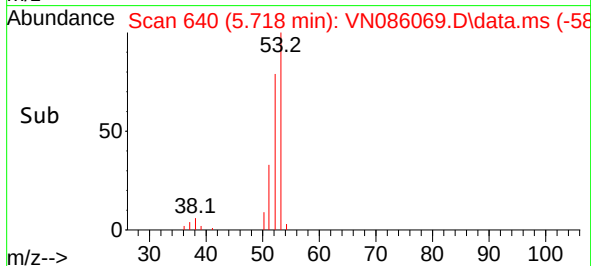
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01



Tgt Ion: 53 Resp: 7884
Ion Ratio Lower Upper
53 100
52 78.9 63.9 95.9
51 34.6 27.1 40.7

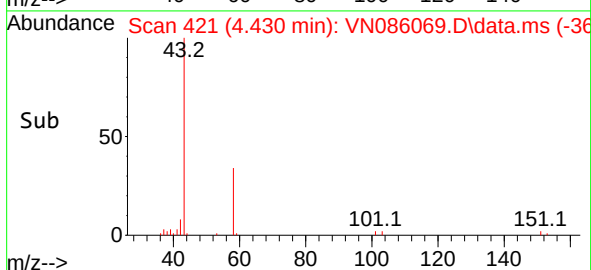
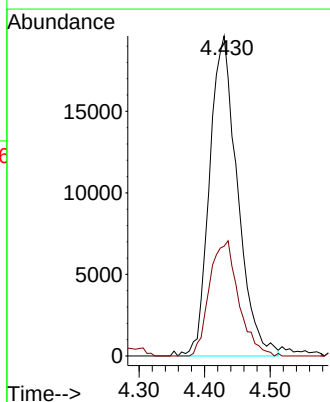
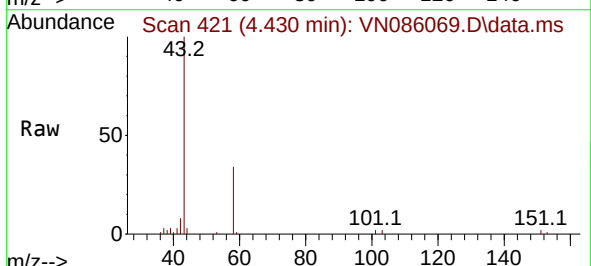
Manual Integrations
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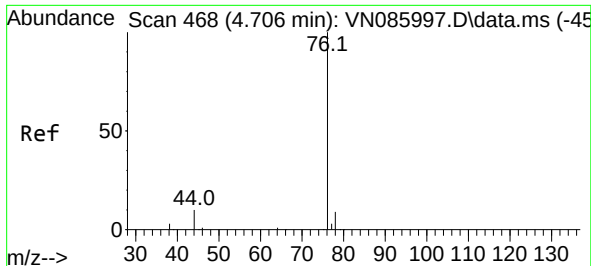
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#16
Acetone
Concen: 85.298 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086069.D
Acq: 24 Mar 2025 14:00

Tgt Ion: 43 Resp: 57956
Ion Ratio Lower Upper
43 100
58 34.3 29.4 44.2





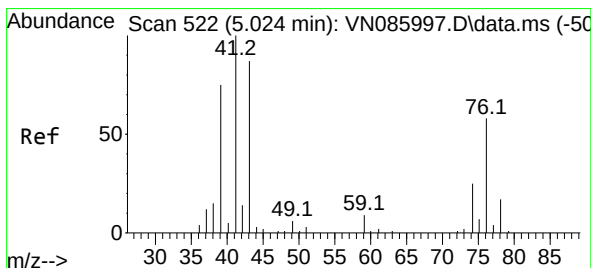
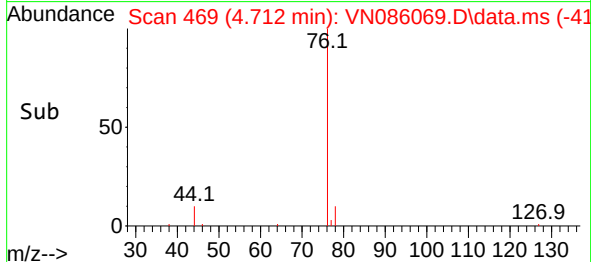
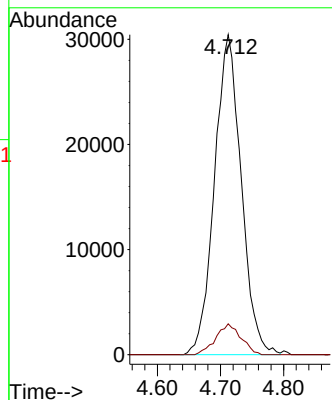
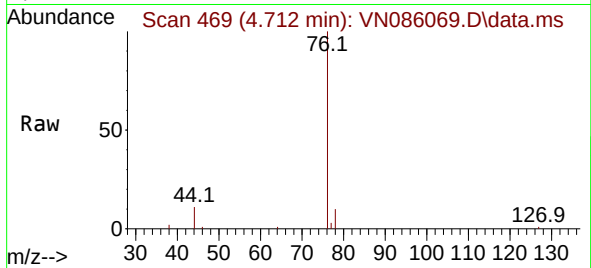
#17
Carbon Disulfide
Concen: 16.377 ug/l
RT: 4.712 min Scan# 40
Delta R.T. 0.006 min
Lab File: VN086069.D
Acq: 24 Mar 2025 14:00

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01

Tgt Ion: 76 Resp: 8961
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.2

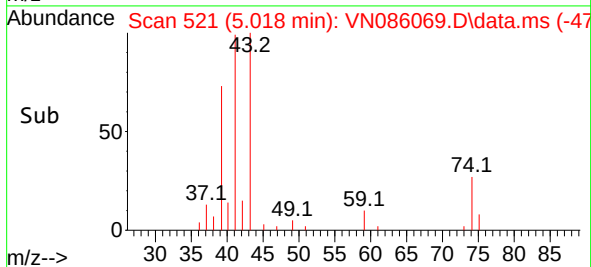
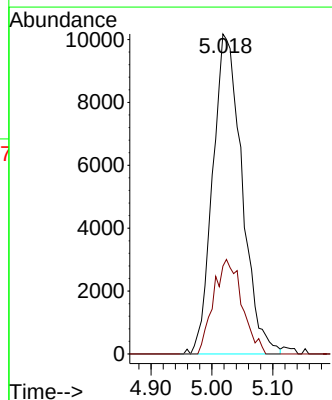
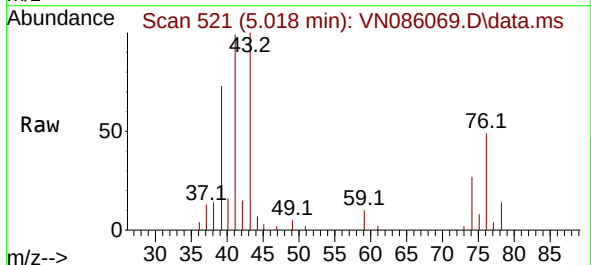
Manual Integrations
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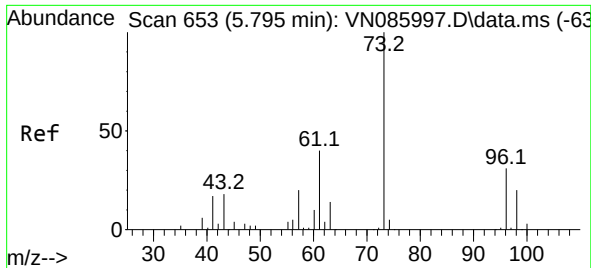
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#18
Methyl Acetate
Concen: 20.182 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN086069.D
Acq: 24 Mar 2025 14:00

Tgt Ion: 43 Resp: 33928
Ion Ratio Lower Upper
43 100
74 28.8 23.9 35.9





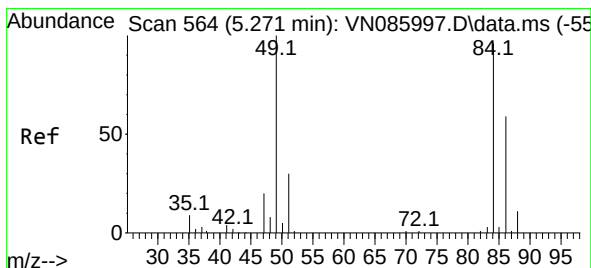
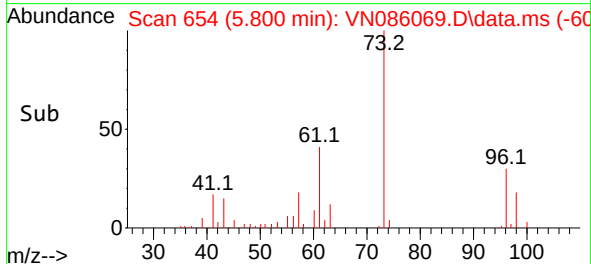
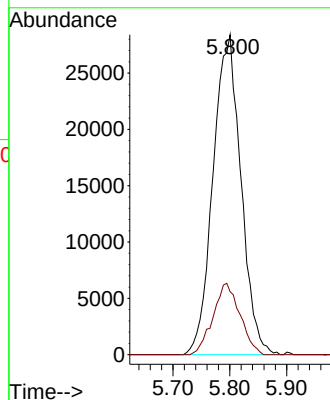
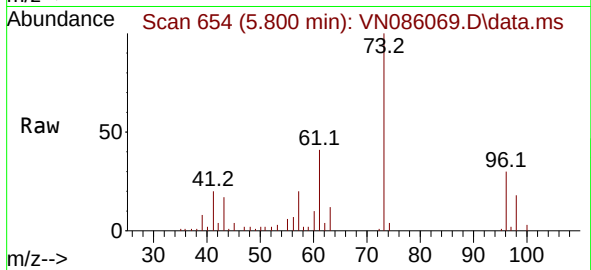
#19
Methyl tert-butyl Ether
Concen: 17.759 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086069.D
Acq: 24 Mar 2025 14:00

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01

Tgt Ion: 73 Resp: 96829
Ion Ratio Lower Upper
73 100
57 19.7 16.1 24.1

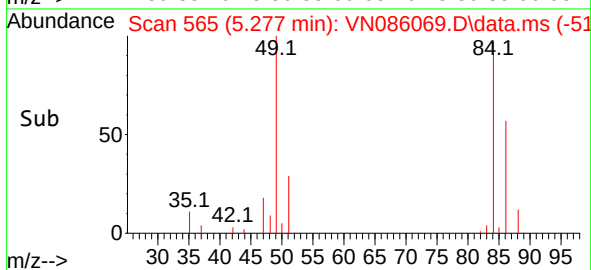
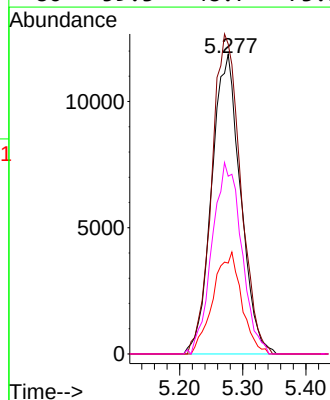
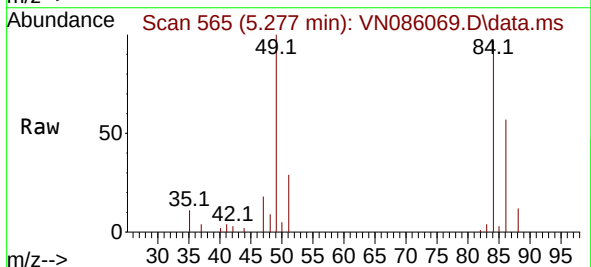
Manual Integrations
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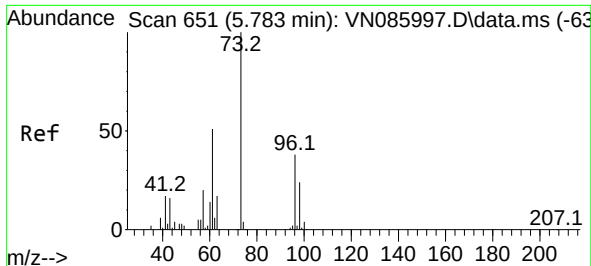
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#20
Methylene Chloride
Concen: 18.932 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086069.D
Acq: 24 Mar 2025 14:00

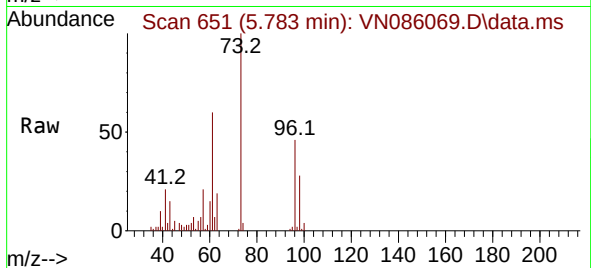
Tgt Ion: 84 Resp: 37630
Ion Ratio Lower Upper
84 100
49 103.4 83.3 124.9
51 30.3 24.8 37.2
86 59.3 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 18.238 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN086069.D
Acq: 24 Mar 2025 14:00

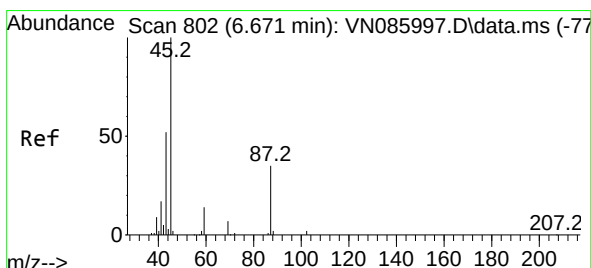
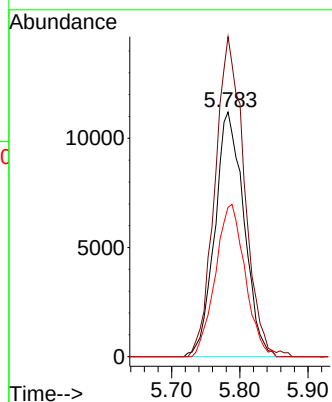
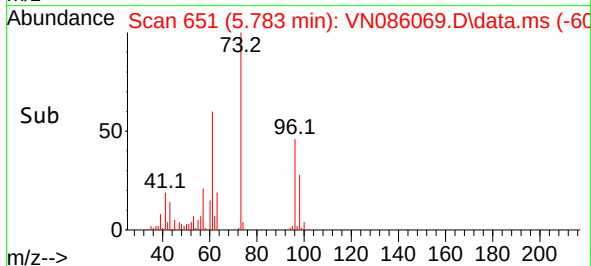
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01



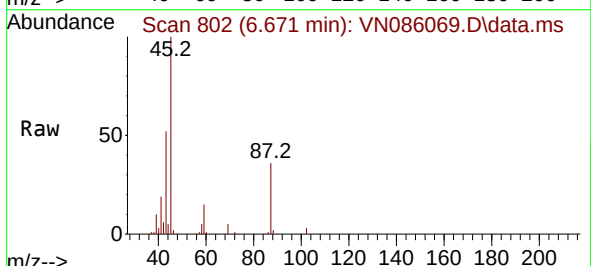
Tgt Ion: 96 Resp: 33164
Ion Ratio Lower Upper
96 100
61 130.8 106.6 160.0
98 61.1 50.0 75.0

Manual Integrations
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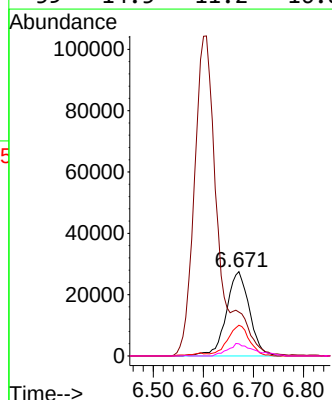
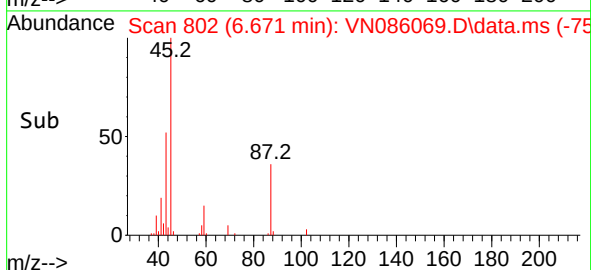
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025

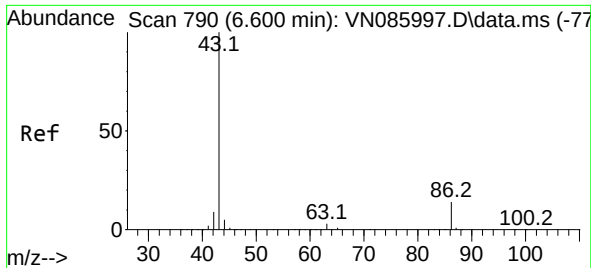


#22
Diisopropyl ether
Concen: 19.877 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN086069.D
Acq: 24 Mar 2025 14:00



Tgt Ion: 45 Resp: 87929
Ion Ratio Lower Upper
45 100
43 50.1 41.2 61.8
87 36.4 28.5 42.7
59 14.5 11.2 16.8





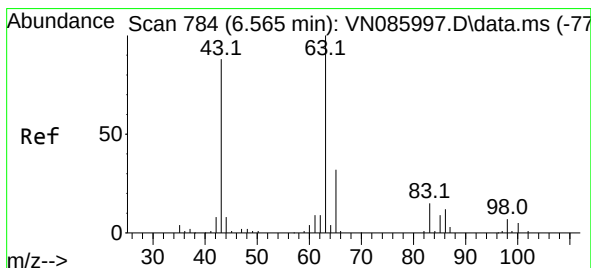
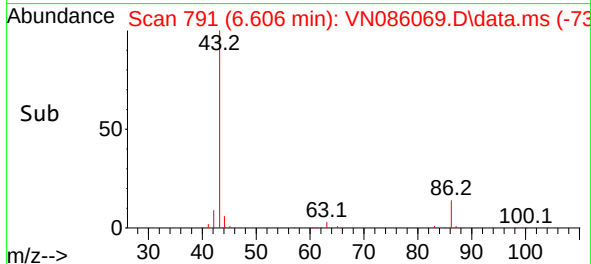
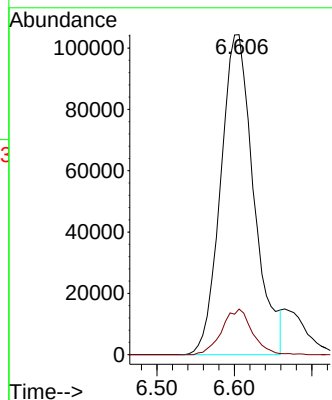
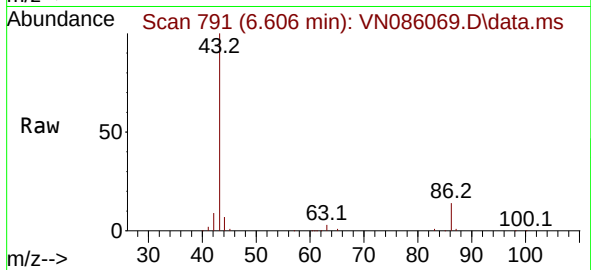
#23
 Vinyl Acetate
 Concen: 92.770 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN086069.D
 Acq: 24 Mar 2025 14:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0324WBS01

Tgt Ion: 43 Resp: 311092
 Ion Ratio Lower Upper
 43 100
 86 14.2 11.2 16.8

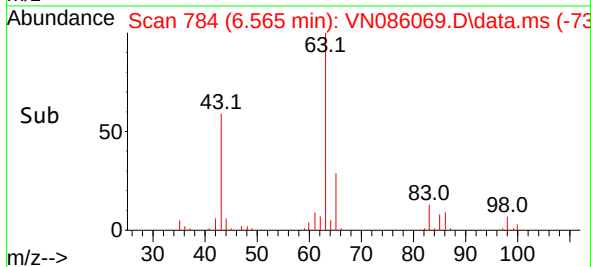
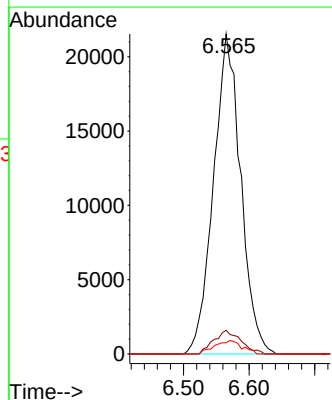
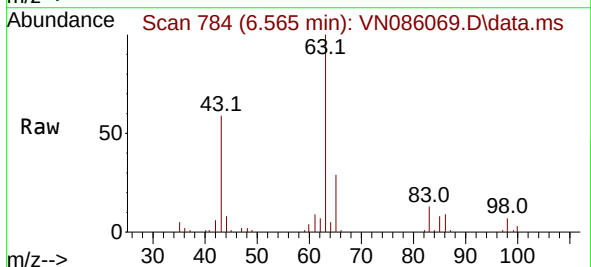
Manual Integrations
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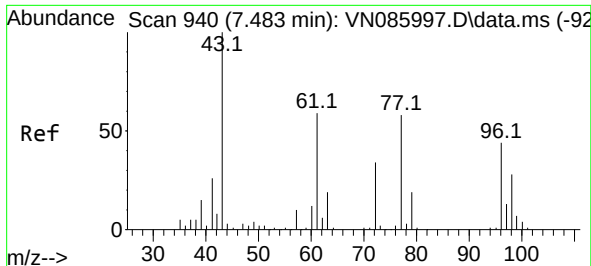
Reviewed By :John Carlone 03/25/2025
 Supervised By :Mahesh Dadoda 03/25/2025



#24
 1,1-Dichloroethane
 Concen: 19.036 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN086069.D
 Acq: 24 Mar 2025 14:00

Tgt Ion: 63 Resp: 61921
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.6 10.9
 100 3.5 2.5 7.5





#25

2-Butanone

Concen: 87.226 ug/l

RT: 7.483 min Scan# 940

Delta R.T. -0.000 min

Lab File: VN086069.D

Acq: 24 Mar 2025 14:00

Instrument :

MSVOA_N

ClientSampleId :

VN0324WBS01

Tgt Ion: 43 Resp: 8551

Ion Ratio Lower Upper

43 100

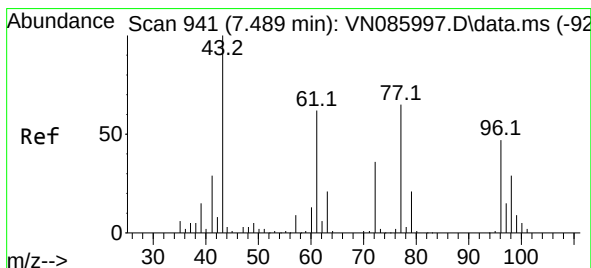
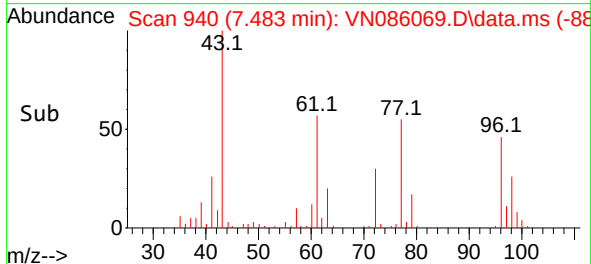
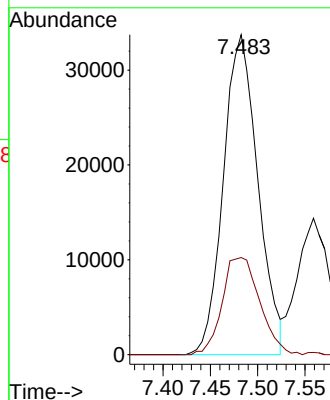
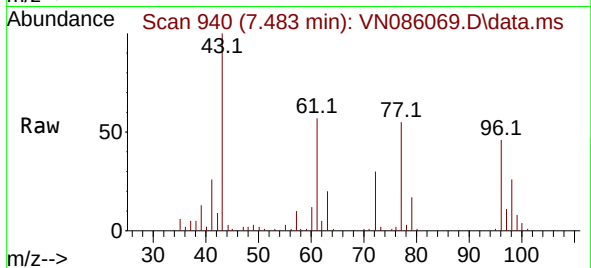
72 30.3 27.4 41.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2025

Supervised By :Mahesh Dadoda 03/25/2025



#26

2,2-Dichloropropane

Concen: 17.539 ug/l

RT: 7.488 min Scan# 941

Delta R.T. -0.000 min

Lab File: VN086069.D

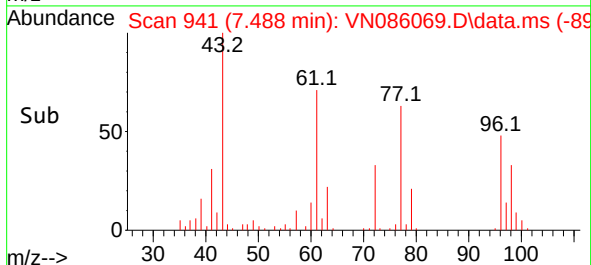
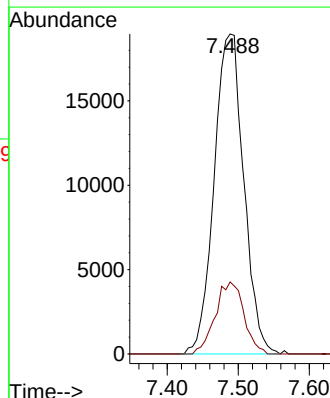
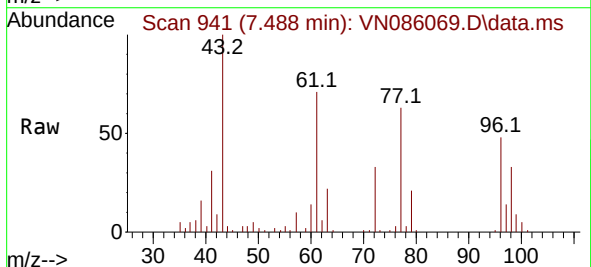
Acq: 24 Mar 2025 14:00

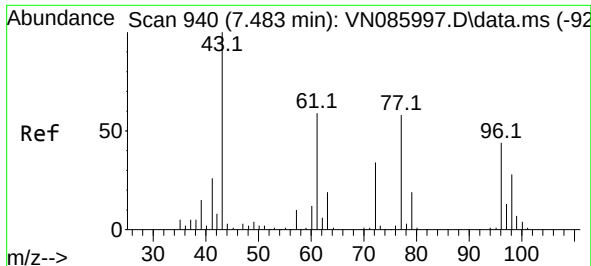
Tgt Ion: 77 Resp: 54928

Ion Ratio Lower Upper

77 100

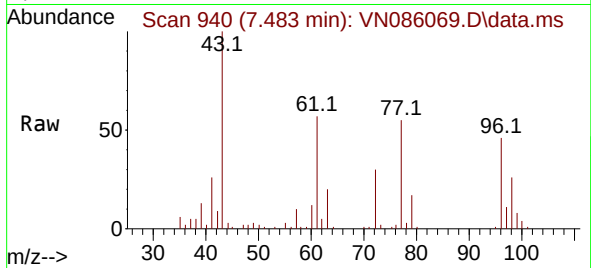
97 21.7 11.2 33.5





#27
 cis-1,2-Dichloroethene
 Concen: 18.482 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN086069.D
 Acq: 24 Mar 2025 14:00

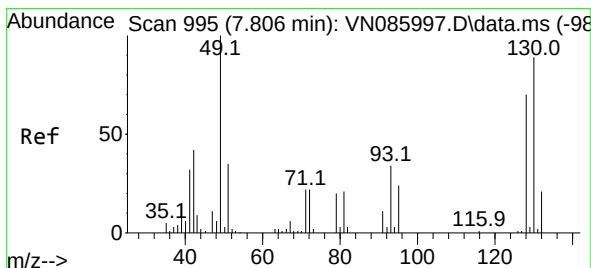
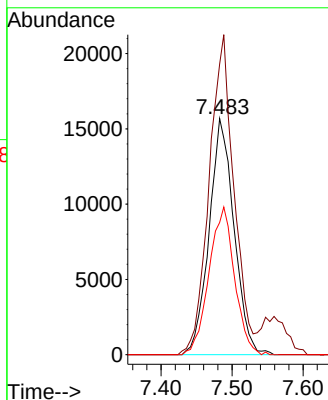
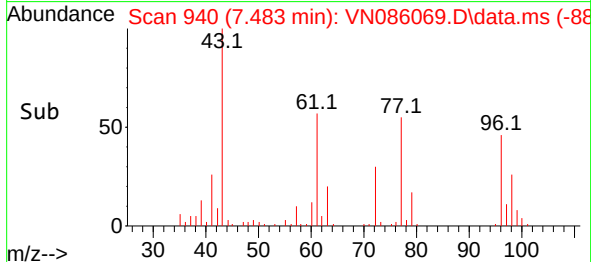
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0324WBS01



Tgt Ion: 96 Resp: 3819
 Ion Ratio Lower Upper
 96 100
 61 134.3 0.0 272.8
 98 64.2 0.0 124.8

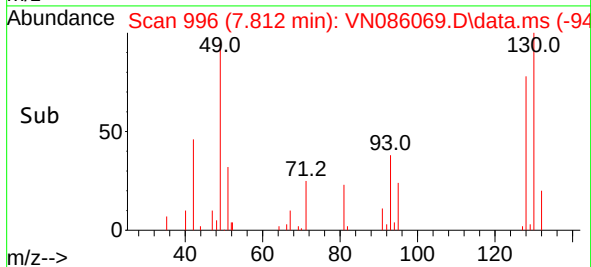
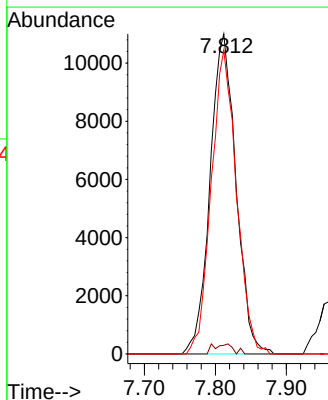
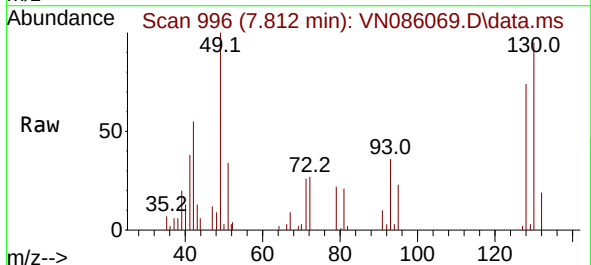
Manual Integrations
 APPROVED

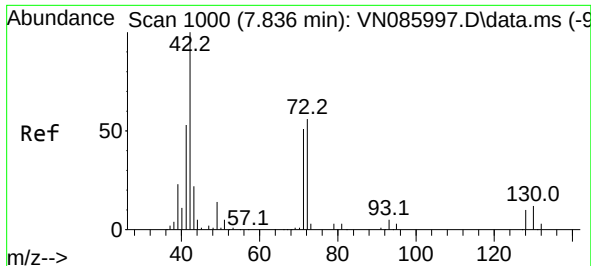
Reviewed By :John Carlone 03/25/2025
 Supervised By :Mahesh Dadoda 03/25/2025



#28
 Bromochloromethane
 Concen: 20.249 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN086069.D
 Acq: 24 Mar 2025 14:00

Tgt Ion: 49 Resp: 27907
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.2
 130 92.0 74.2 111.4





#29

Tetrahydrofuran

Concen: 95.027 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN086069.D

Acq: 24 Mar 2025 14:00

Instrument :

MSVOA_N

ClientSampleId :

VN0324WBS01

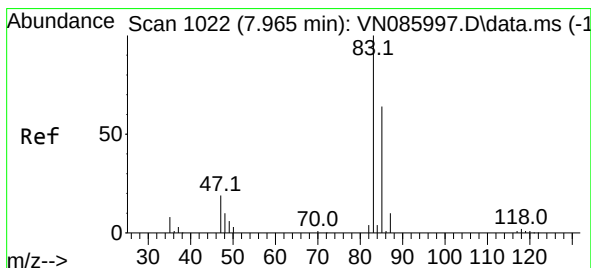
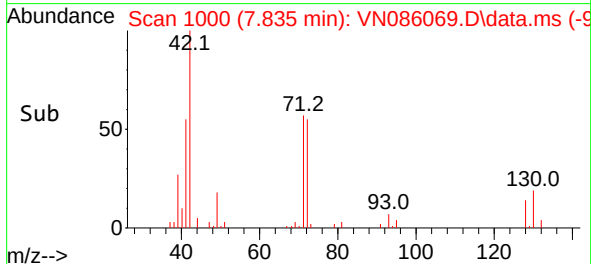
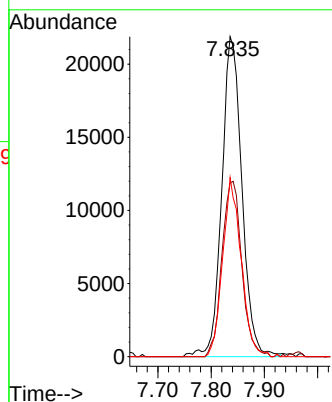
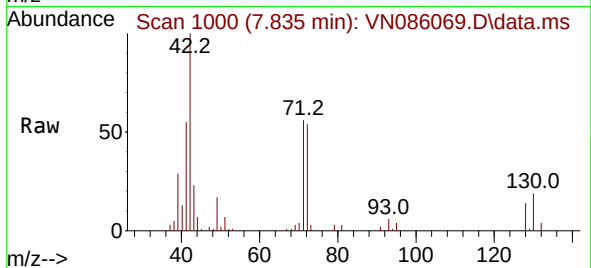
Tgt Ion:	42	Resp:	5751
Ion	Ratio	Lower	Upper
42	100		
72	54.1	45.0	67.4
71	51.4	41.9	62.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2025

Supervised By :Mahesh Dadoda 03/25/2025



#30

Chloroform

Concen: 18.836 ug/l

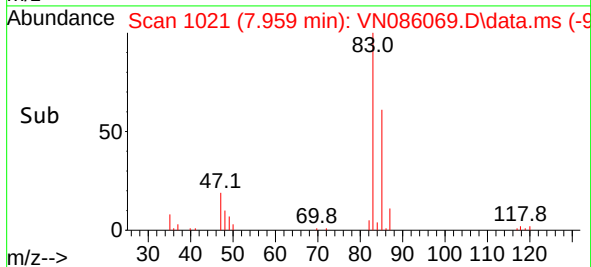
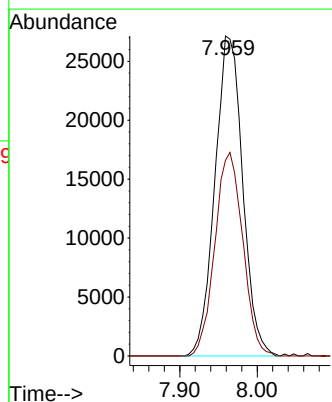
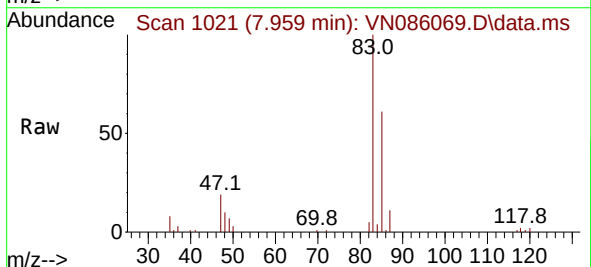
RT: 7.959 min Scan# 1021

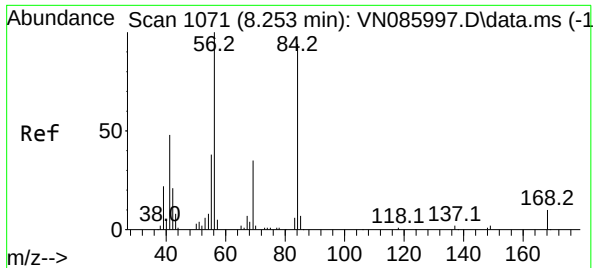
Delta R.T. -0.006 min

Lab File: VN086069.D

Acq: 24 Mar 2025 14:00

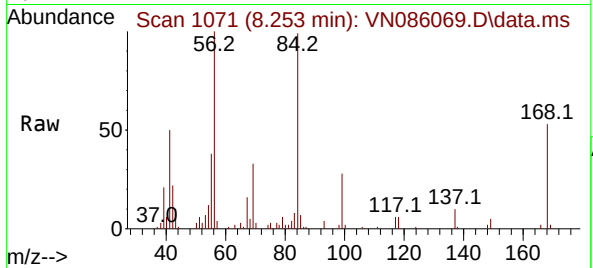
Tgt Ion:	83	Resp:	67726
Ion	Ratio	Lower	Upper
83	100		
85	61.1	51.5	77.3





#31
Cyclohexane
Concen: 17.133 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN086069.D
Acq: 24 Mar 2025 14:00

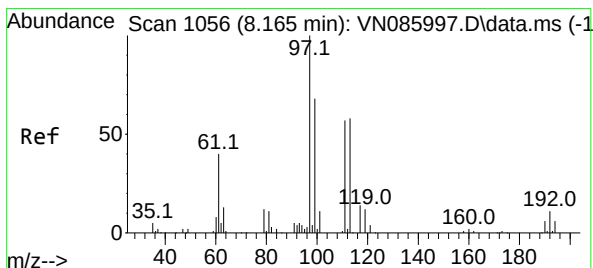
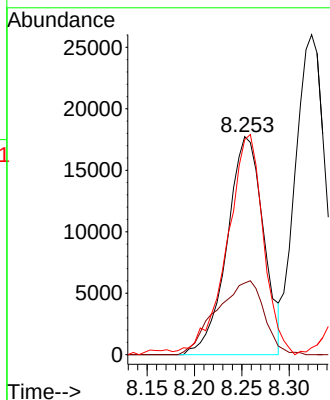
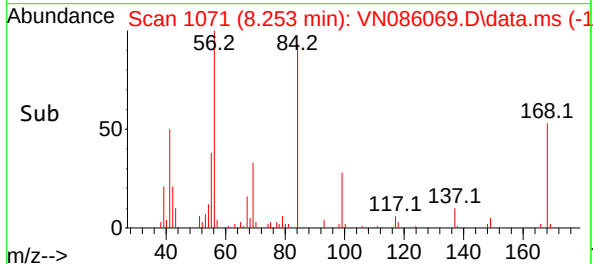
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01



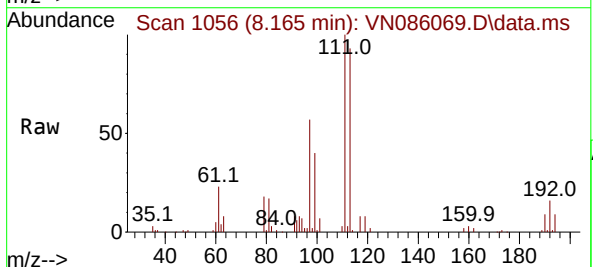
Tgt Ion: 56 Resp: 4747
Ion Ratio Lower Upper
56 100
69 32.9 28.0 42.0
84 96.8 75.0 112.6

Manual Integrations
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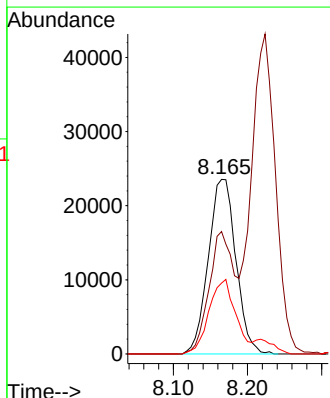
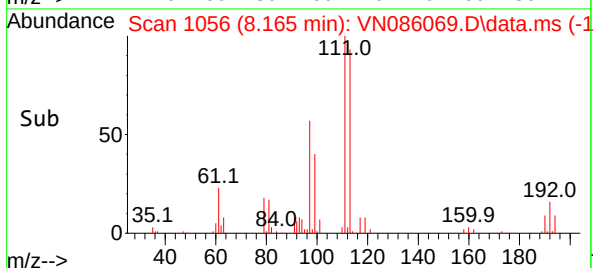
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025

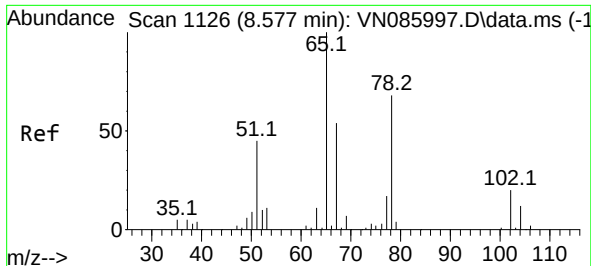


#32
1,1,1-Trichloroethane
Concen: 17.905 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086069.D
Acq: 24 Mar 2025 14:00



Tgt Ion: 97 Resp: 60938
Ion Ratio Lower Upper
97 100
99 64.7 52.8 79.2
61 41.6 33.6 50.4





#33

1,2-Dichloroethane-d4

Concen: 51.043 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086069.D

Acq: 24 Mar 2025 14:00

Instrument :

MSVOA_N

ClientSampleId :

VN0324WBS01

Tgt Ion: 65 Resp: 113520

Ion Ratio Lower Upper

65 100

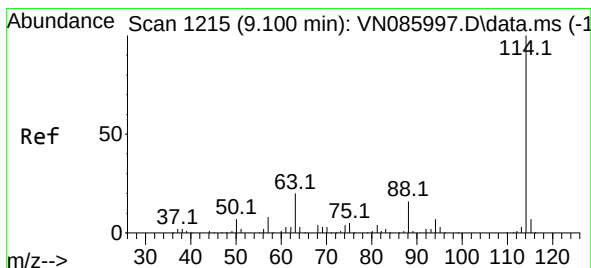
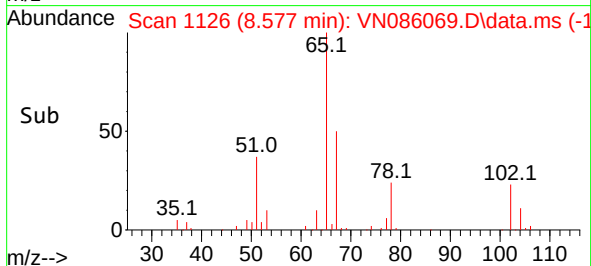
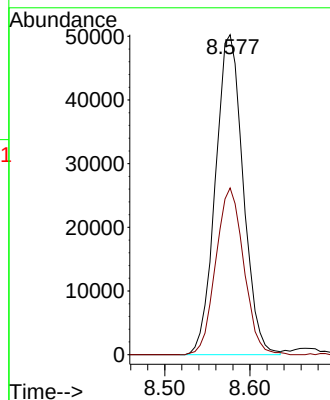
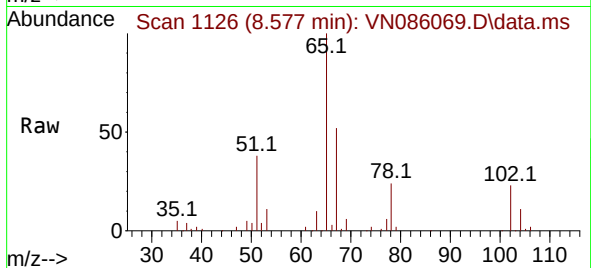
67 52.5 0.0 102.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2025

Supervised By :Mahesh Dadoda 03/25/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086069.D

Acq: 24 Mar 2025 14:00

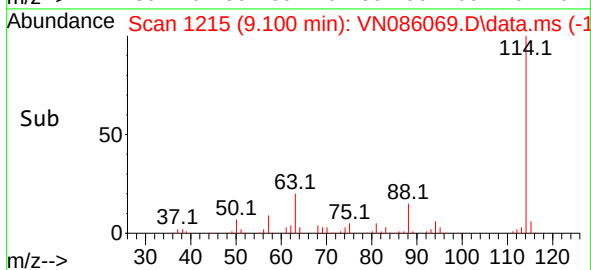
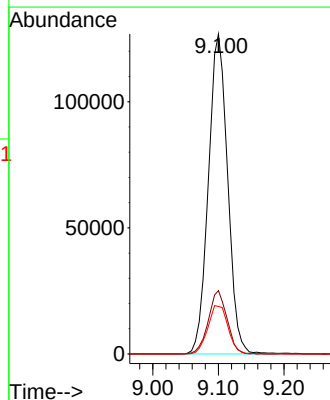
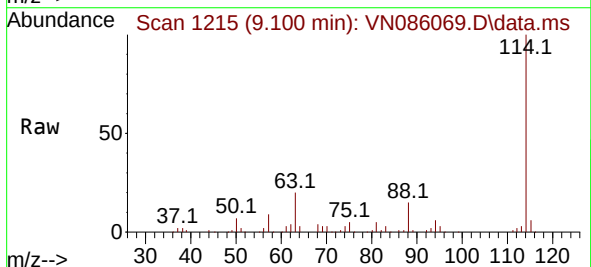
Tgt Ion:114 Resp: 258911

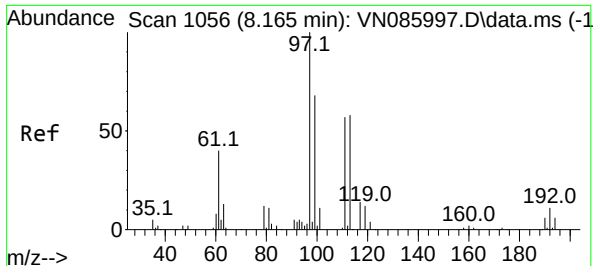
Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.6

88 14.8 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.829 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086069.D

Acq: 24 Mar 2025 14:00

Instrument :

MSVOA_N

ClientSampleId :

VN0324WBS01

Tgt Ion: 113 Resp: 91850

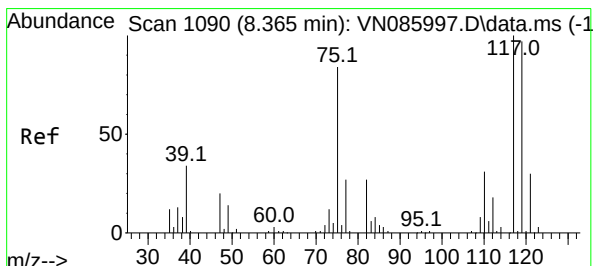
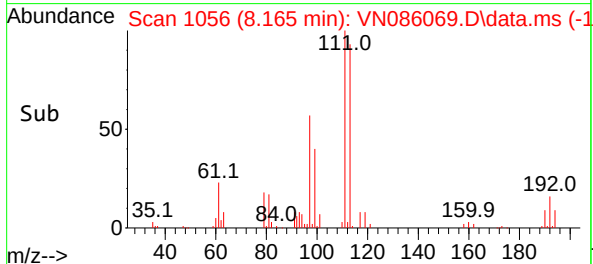
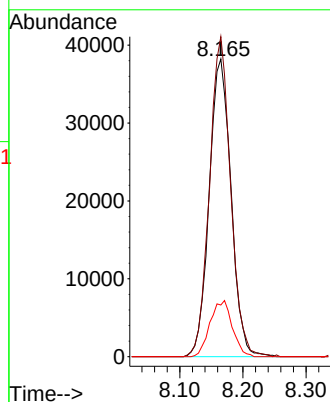
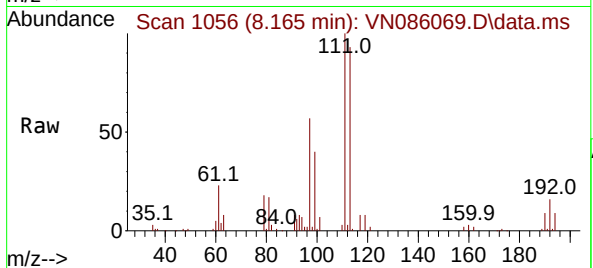
Ion	Ratio	Lower	Upper
113	100		
111	103.9	81.8	122.8
192	19.2	15.9	23.9

Manual Integrations

APPROVED

Reviewed By : John Carlone 03/25/2025

Supervised By : Mahesh Dadoda 03/25/2025



#36

1,1-Dichloropropene

Concen: 18.204 ug/l

RT: 8.371 min Scan# 1091

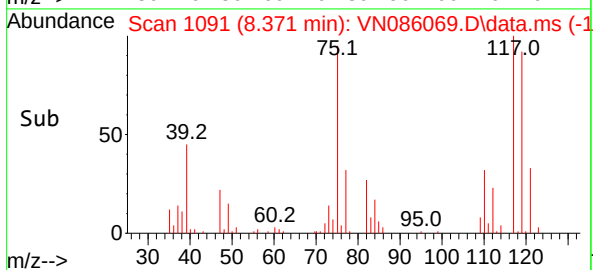
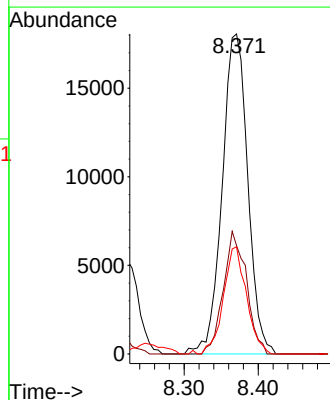
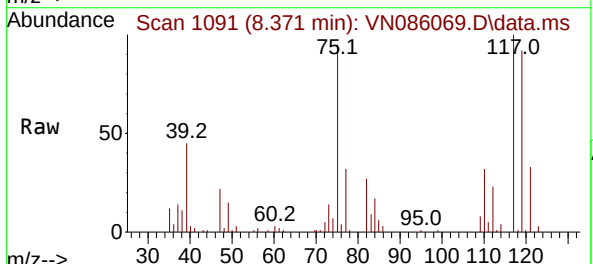
Delta R.T. 0.006 min

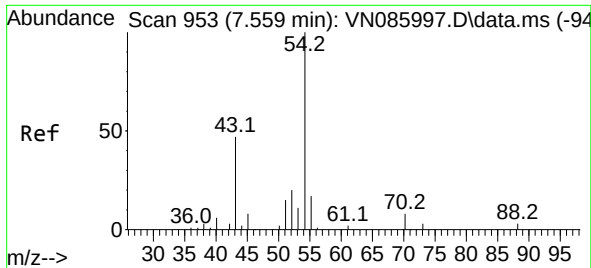
Lab File: VN086069.D

Acq: 24 Mar 2025 14:00

Tgt Ion: 75 Resp: 43318

Ion	Ratio	Lower	Upper
75	100		
110	34.6	17.8	53.3
77	30.2	25.0	37.4





#37

Ethyl Acetate

Concen: 17.329 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN086069.D

Acq: 24 Mar 2025 14:00

Instrument :

MSVOA_N

ClientSampleId :

VN0324WBS01

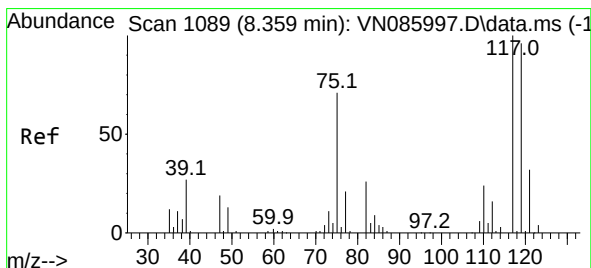
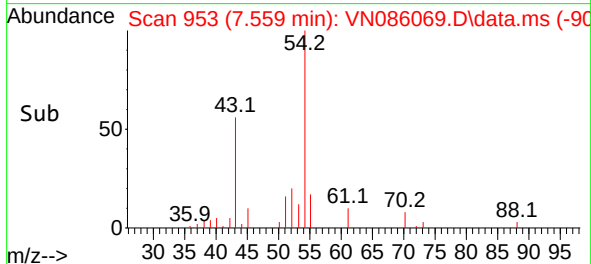
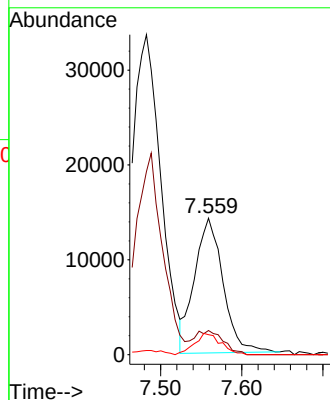
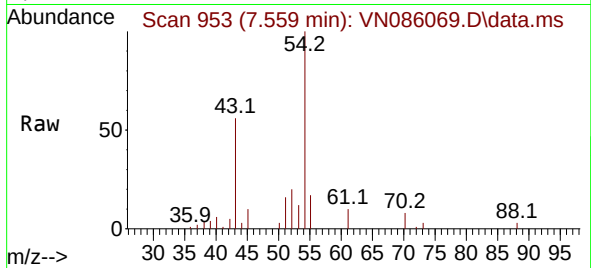
Tgt Ion:	43	Resp:	3478
Ion	Ratio	Lower	Upper
43	100		
61	17.3	13.0	19.4
70	14.5	11.0	16.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2025

Supervised By :Mahesh Dadoda 03/25/2025



#38

Carbon Tetrachloride

Concen: 18.116 ug/l

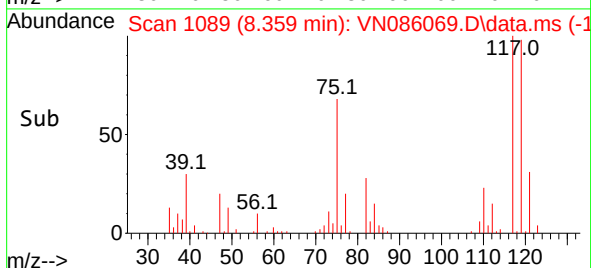
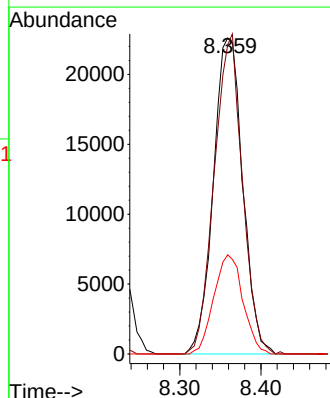
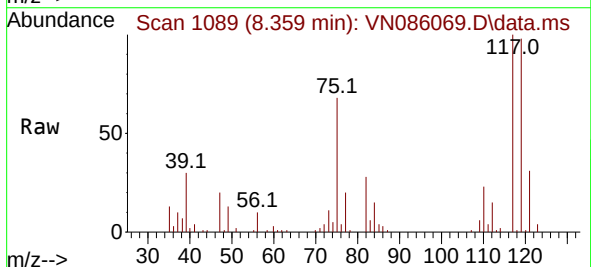
RT: 8.359 min Scan# 1089

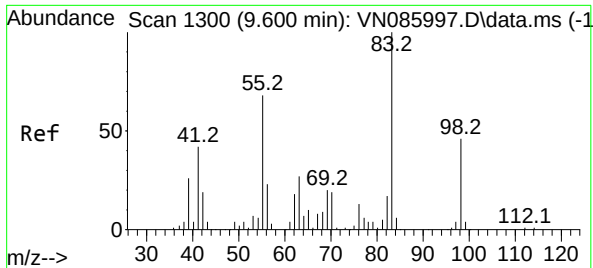
Delta R.T. -0.000 min

Lab File: VN086069.D

Acq: 24 Mar 2025 14:00

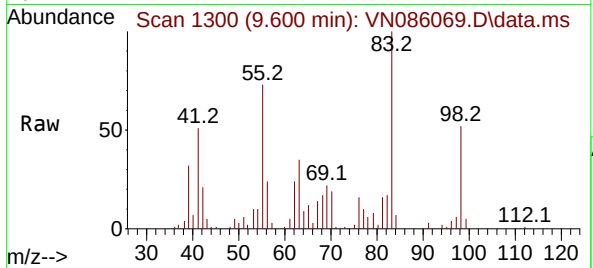
Tgt Ion:	117	Resp:	56681
Ion	Ratio	Lower	Upper
117	100		
119	97.9	77.0	115.4
121	31.4	25.6	38.4





#39
Methylcyclohexane
Concen: 16.562 ug/l
RT: 9.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN086069.D
Acq: 24 Mar 2025 14:00

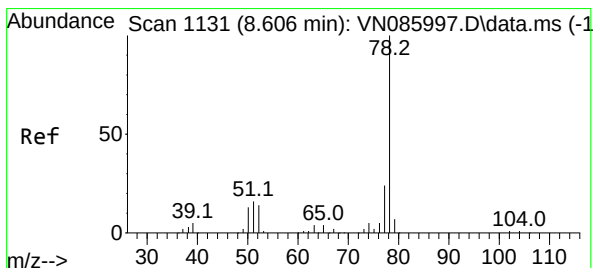
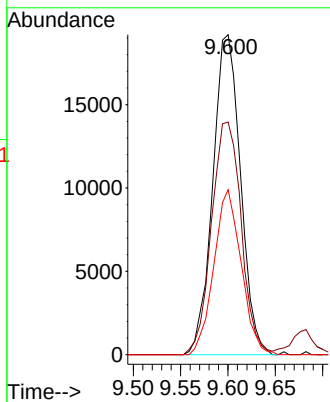
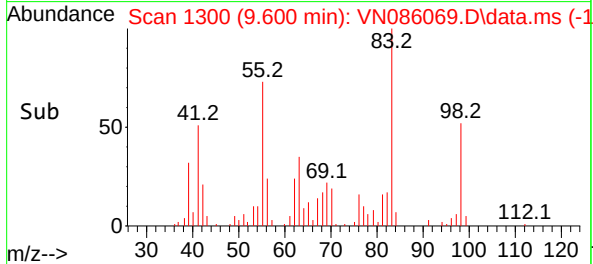
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01



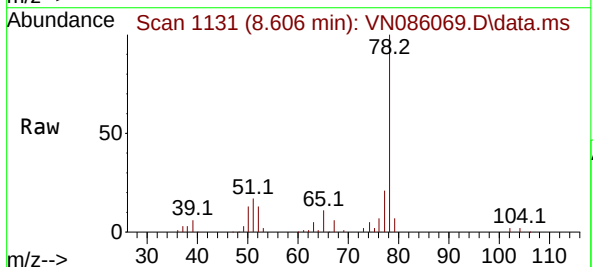
Tgt Ion: 83 Resp: 3910
Ion Ratio Lower Upper
83 100
55 72.7 54.2 81.2
98 51.5 37.1 55.7

Manual Integrations
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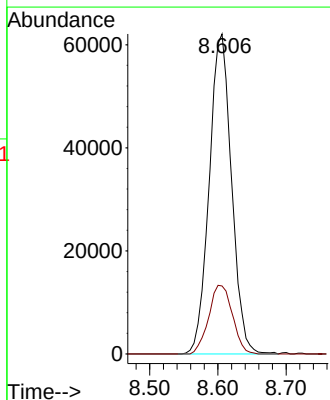
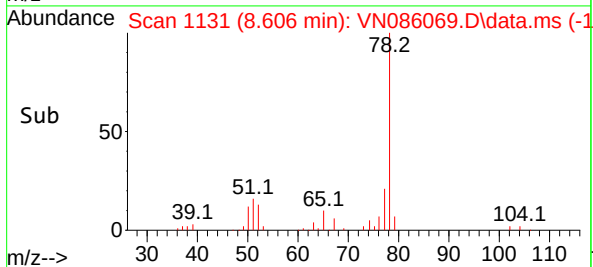
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025

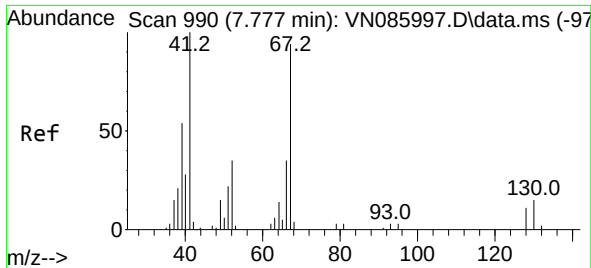


#40
Benzene
Concen: 18.946 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN086069.D
Acq: 24 Mar 2025 14:00



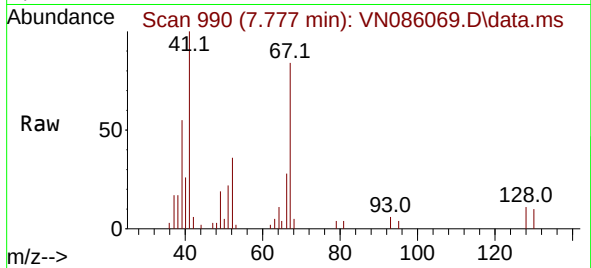
Tgt Ion: 78 Resp: 141532
Ion Ratio Lower Upper
78 100
77 21.3 18.9 28.3





#41
Methacrylonitrile
Concen: 19.756 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN086069.D
Acq: 24 Mar 2025 14:00

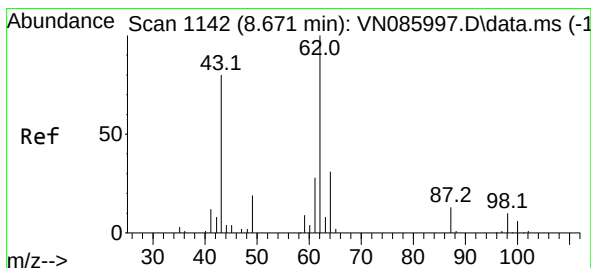
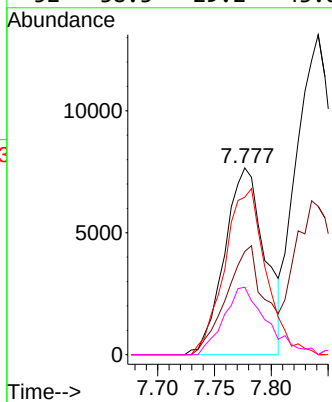
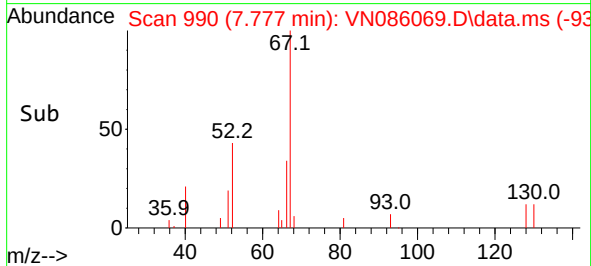
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01



Tgt Ion: 41 Resp: 18938
Ion Ratio Lower Upper
41 100
39 55.1 46.2 69.2
67 90.8 75.9 113.9
52 38.3 29.2 43.8

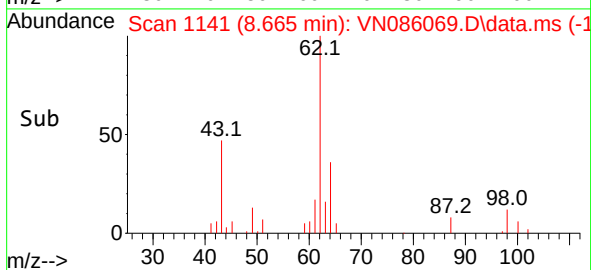
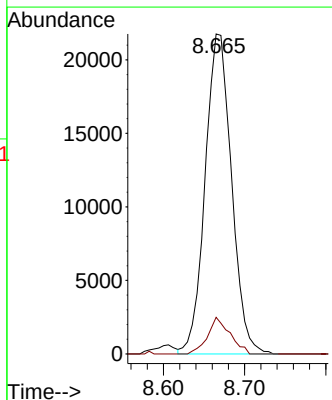
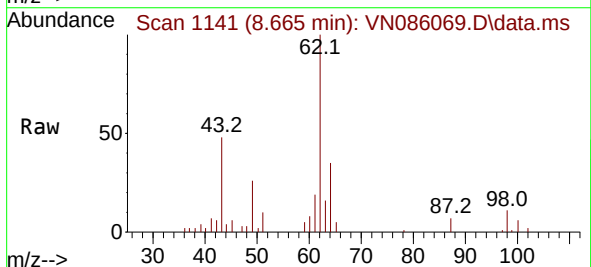
Manual Integrations
APPROVED

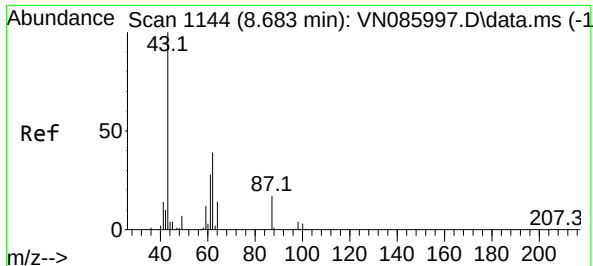
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#42
1,2-Dichloroethane
Concen: 18.918 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN086069.D
Acq: 24 Mar 2025 14:00

Tgt Ion: 62 Resp: 49242
Ion Ratio Lower Upper
62 100
98 9.7 0.0 18.6





#43

Isopropyl Acetate

Concen: 14.775 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.006 min

Lab File: VN086069.D

Acq: 24 Mar 2025 14:00

Instrument :

MSVOA_N

ClientSampleId :

VN0324WBS01

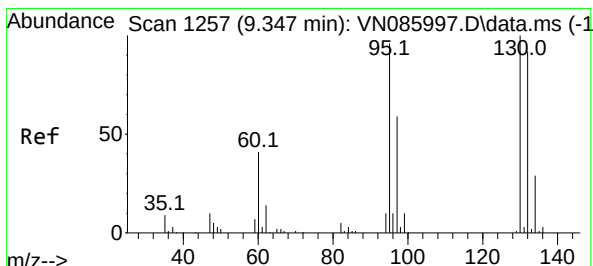
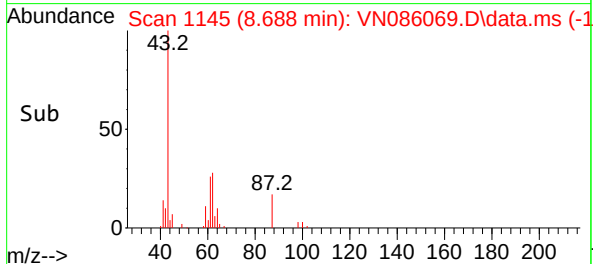
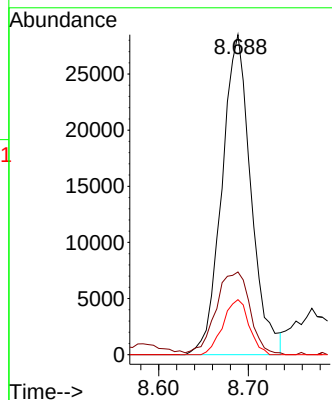
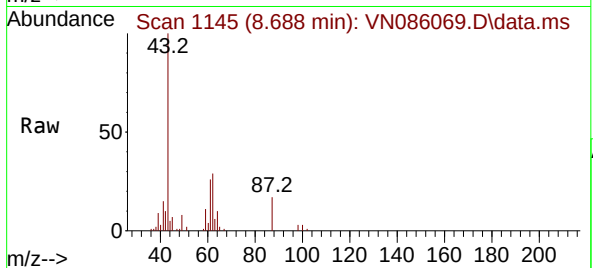
Tgt Ion: 43	Resp: 64270
Ion Ratio	Lower Upper
43	100
61	30.2 25.0 37.6
87	15.4 13.0 19.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2025

Supervised By :Mahesh Dadoda 03/25/2025



#44

Trichloroethene

Concen: 16.719 ug/l

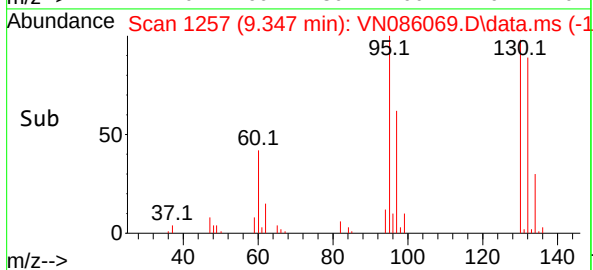
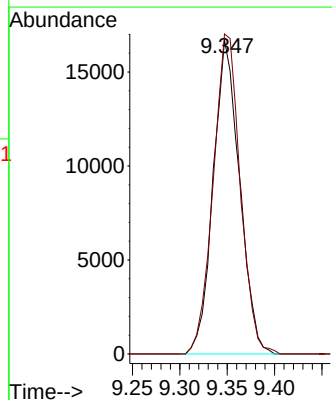
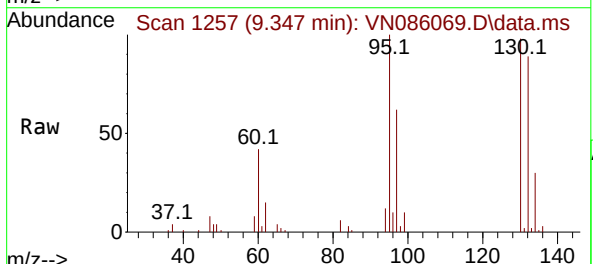
RT: 9.347 min Scan# 1257

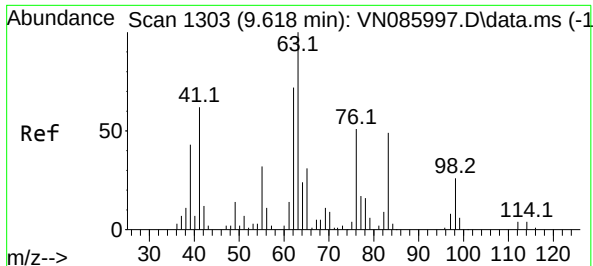
Delta R.T. -0.000 min

Lab File: VN086069.D

Acq: 24 Mar 2025 14:00

Tgt Ion:130	Resp: 32369
Ion Ratio	Lower Upper
130	100
95	101.9 0.0 191.6





#45

1,2-Dichloropropane

Concen: 19.610 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086069.D

Acq: 24 Mar 2025 14:00

Instrument :

MSVOA_N

ClientSampleId :

VN0324WBS01

Tgt Ion: 63 Resp: 33318

Ion Ratio Lower Upper

63 100

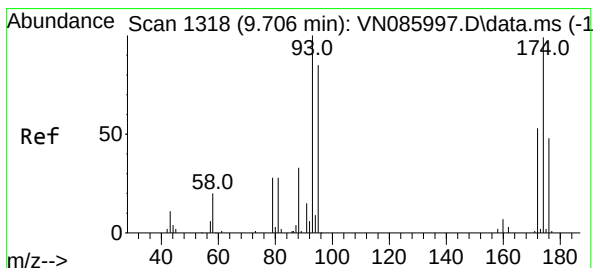
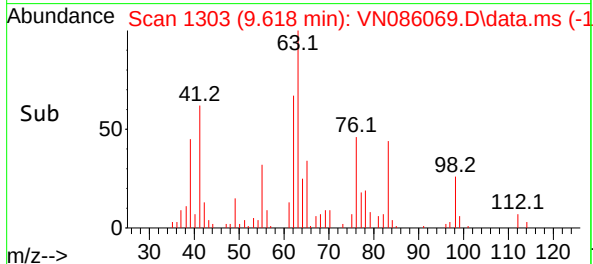
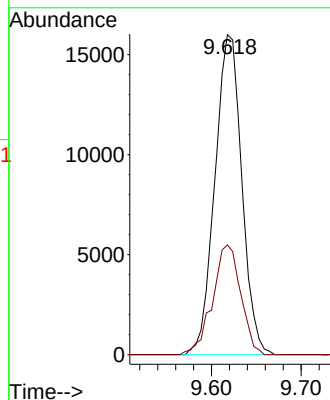
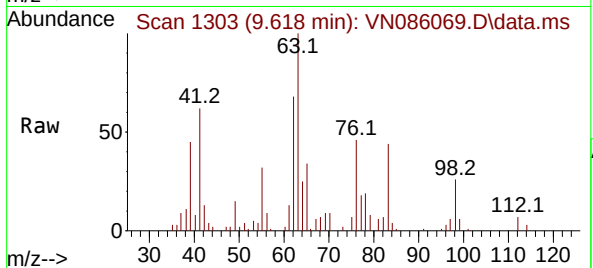
65 34.3 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2025

Supervised By :Mahesh Dadoda 03/25/2025



#46

Dibromomethane

Concen: 19.387 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086069.D

Acq: 24 Mar 2025 14:00

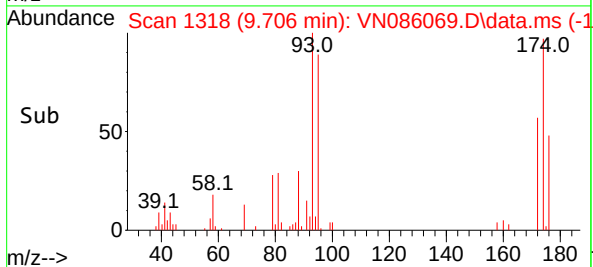
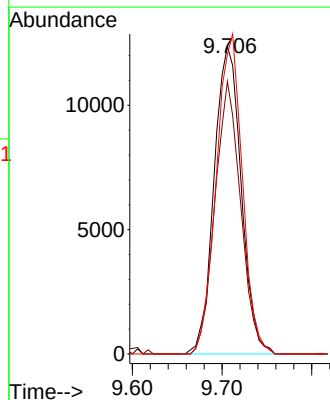
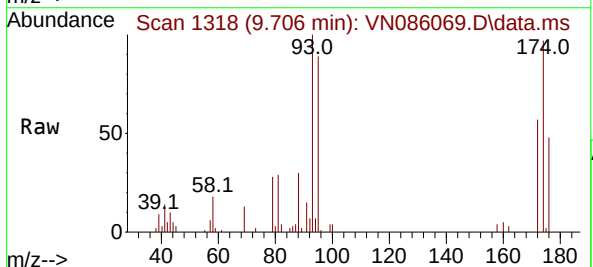
Tgt Ion: 93 Resp: 25904

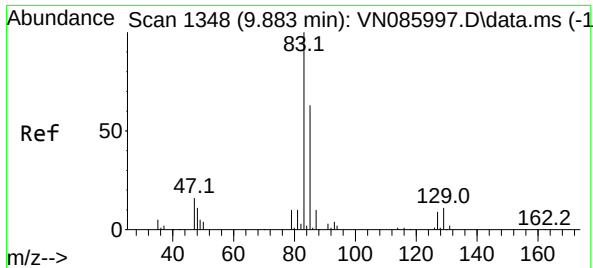
Ion Ratio Lower Upper

93 100

95 84.0 66.2 99.2

174 100.1 80.1 120.1





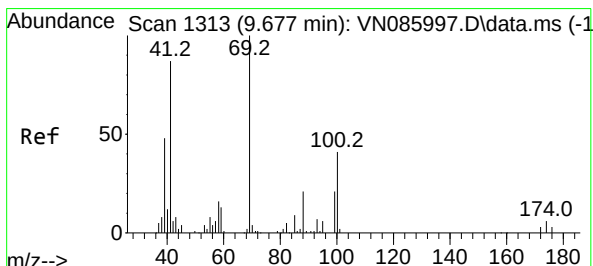
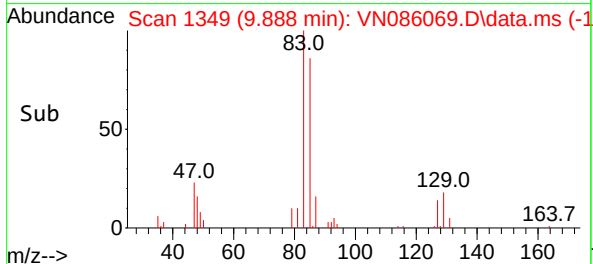
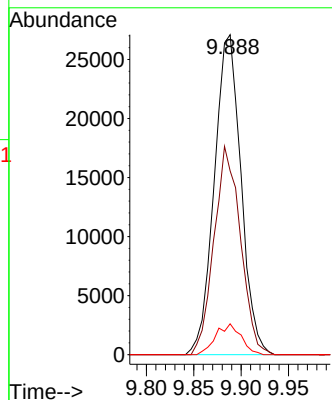
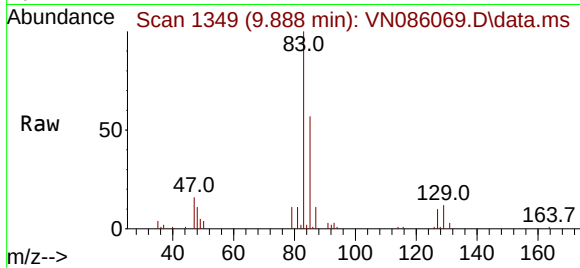
#47
Bromodichloromethane
Concen: 19.040 ug/l
RT: 9.888 min Scan# 1348
Delta R.T. 0.006 min
Lab File: VN086069.D
Acq: 24 Mar 2025 14:00

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01

Tgt Ion: 83 Resp: 53170
Ion Ratio Lower Upper
83 100
85 57.4 50.2 75.2
127 9.6 7.1 10.7

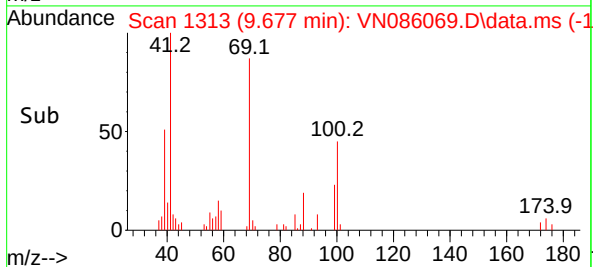
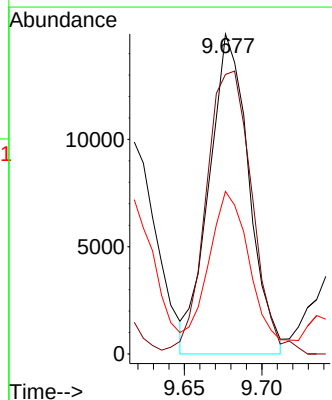
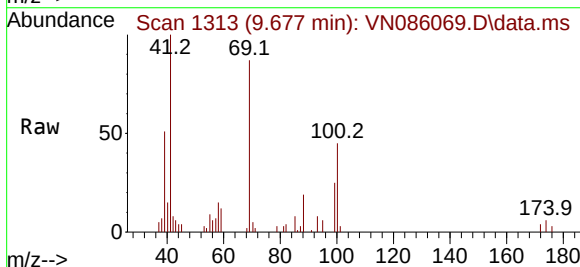
Manual Integrations
APPROVED

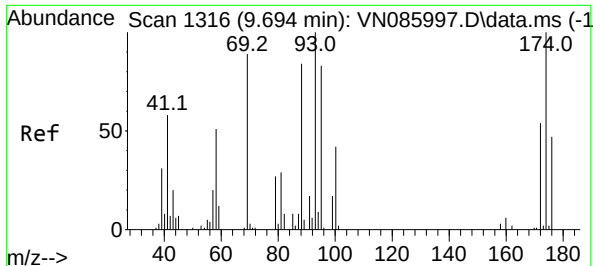
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#48
Methyl methacrylate
Concen: 18.574 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086069.D
Acq: 24 Mar 2025 14:00

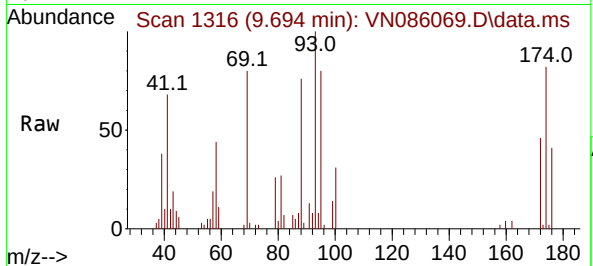
Tgt Ion: 41 Resp: 26663
Ion Ratio Lower Upper
41 100
69 102.1 83.1 124.7
39 55.6 45.6 68.4





#49
1,4-Dioxane
Concen: 381.582 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN086069.D
Acq: 24 Mar 2025 14:00

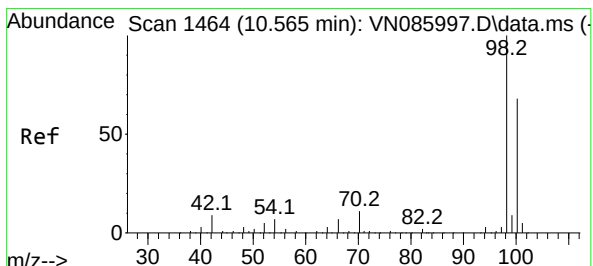
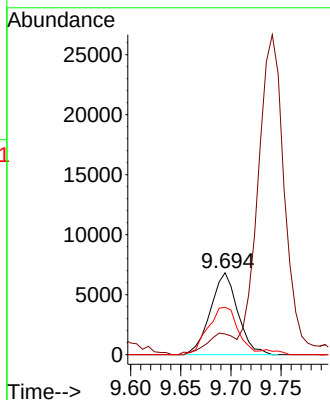
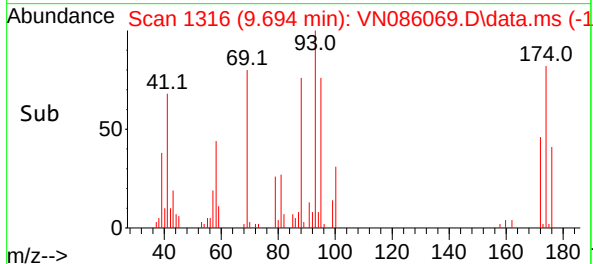
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01



Tgt Ion: 88 Resp: 12949
Ion Ratio Lower Upper
88 100
43 27.5 21.7 32.5
58 64.1 50.4 75.6

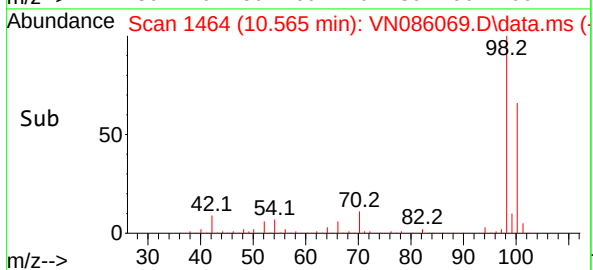
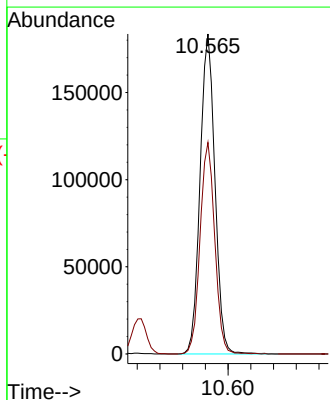
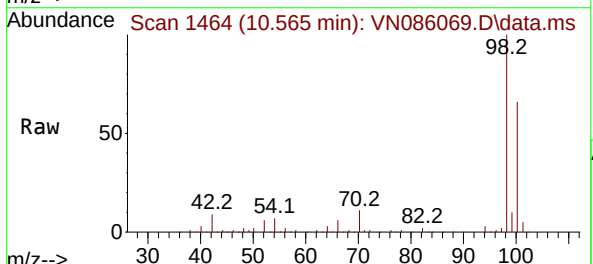
Manual Integrations
APPROVED

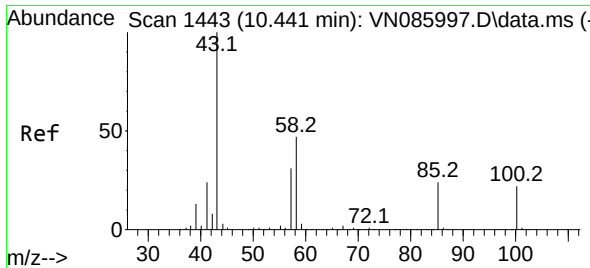
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#50
Toluene-d8
Concen: 50.770 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086069.D
Acq: 24 Mar 2025 14:00

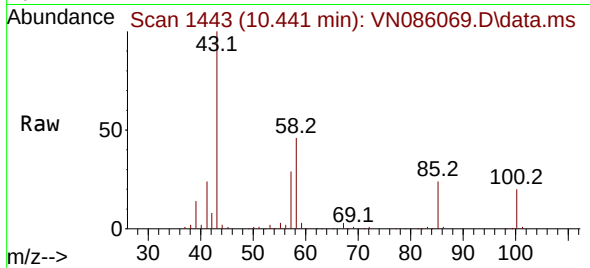
Tgt Ion: 98 Resp: 332989
Ion Ratio Lower Upper
98 100
100 65.4 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 95.988 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086069.D
Acq: 24 Mar 2025 14:00

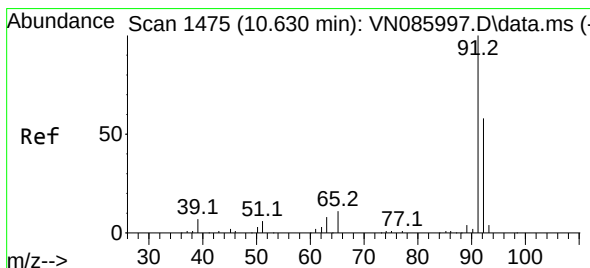
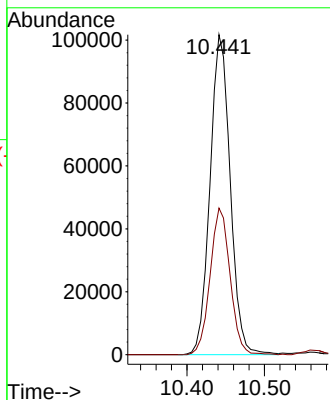
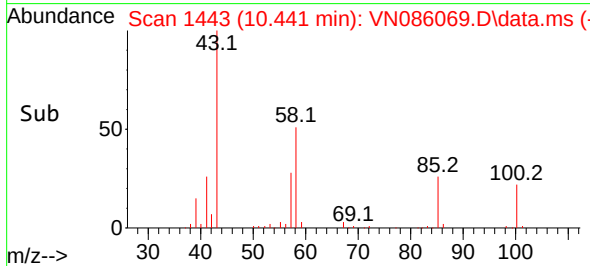
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01



Tgt Ion: 43 Resp: 18415
Ion Ratio Lower Upper
43 100
58 45.3 37.4 56.0

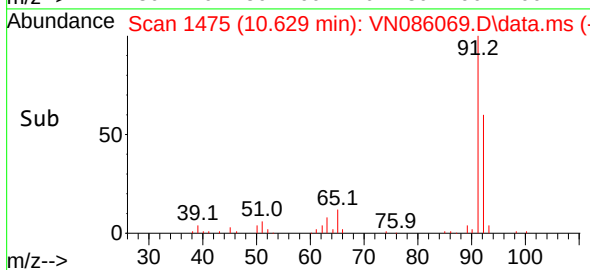
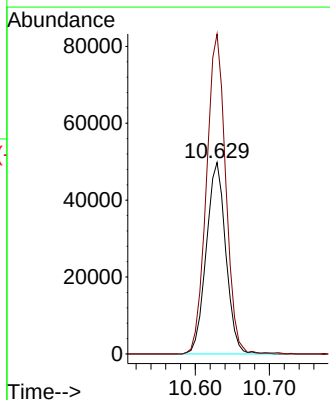
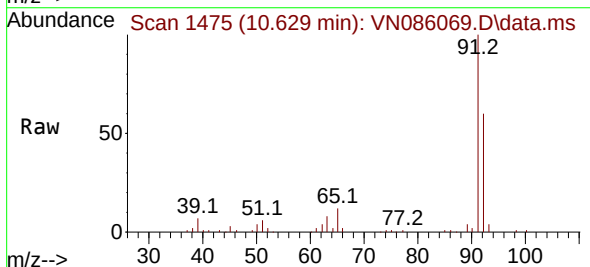
Manual Integrations
APPROVED

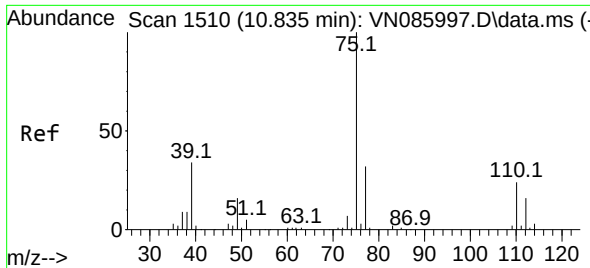
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#52
Toluene
Concen: 19.885 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086069.D
Acq: 24 Mar 2025 14:00

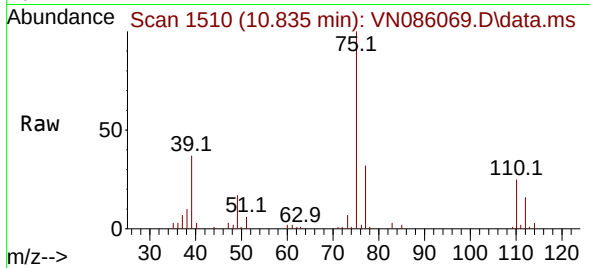
Tgt Ion: 92 Resp: 91169
Ion Ratio Lower Upper
92 100
91 164.4 136.2 204.4





#53
t-1,3-Dichloropropene
Concen: 18.841 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN086069.D
Acq: 24 Mar 2025 14:00

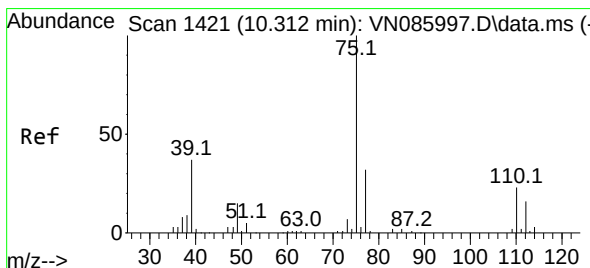
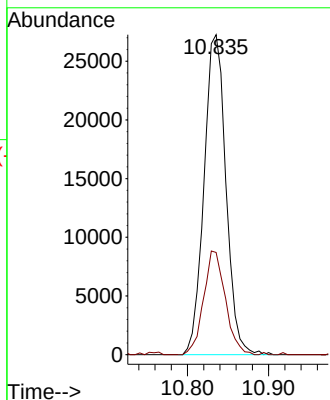
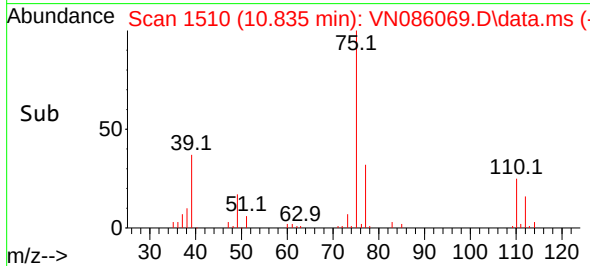
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01



Tgt Ion: 75 Resp: 51098
Ion Ratio Lower Upper
75 100
77 31.9 25.3 37.9

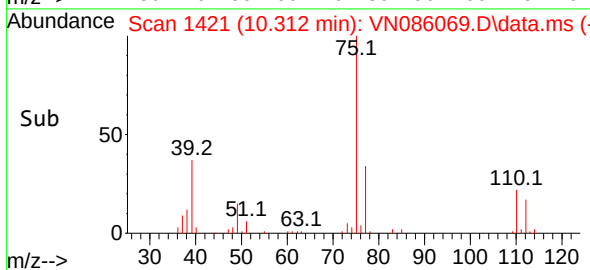
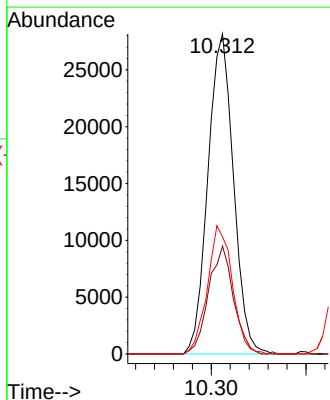
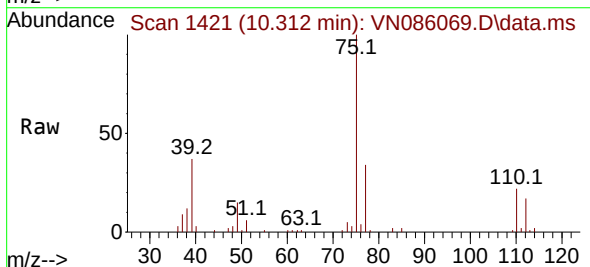
Manual Integrations
APPROVED

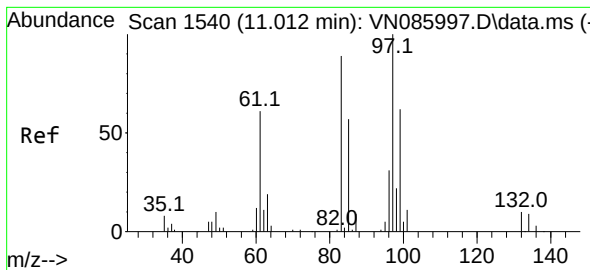
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#54
cis-1,3-Dichloropropene
Concen: 18.439 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN086069.D
Acq: 24 Mar 2025 14:00

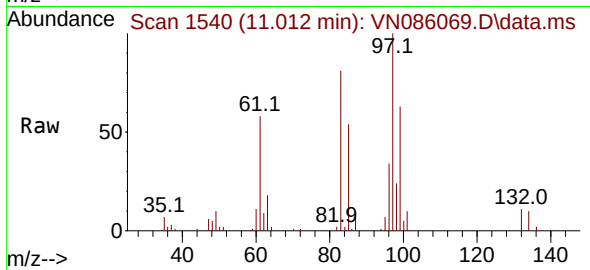
Tgt Ion: 75 Resp: 52762
Ion Ratio Lower Upper
75 100
77 33.7 25.3 37.9
39 36.6 29.6 44.4





#55
1,1,2-Trichloroethane
Concen: 19.953 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN086069.D
Acq: 24 Mar 2025 14:00

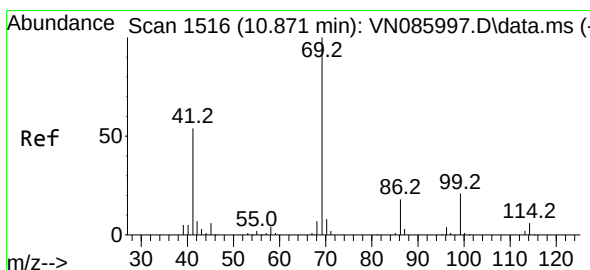
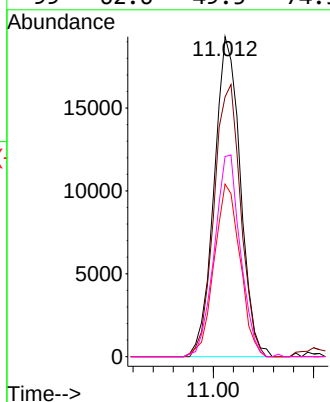
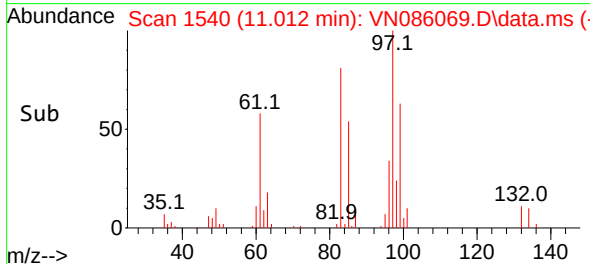
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01



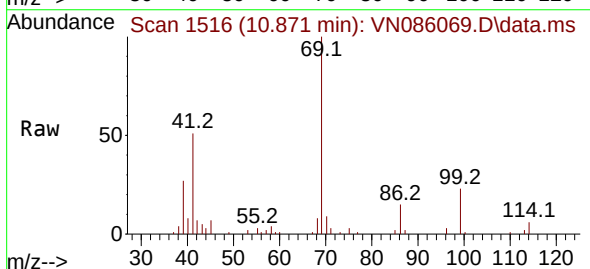
Tgt Ion: 97 Resp: 34910
Ion Ratio Lower Upper
97 100
83 81.2 71.2 106.8
85 54.0 45.4 68.0
99 62.6 49.5 74.3

Manual Integrations
APPROVED

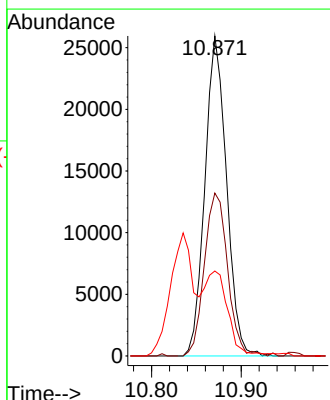
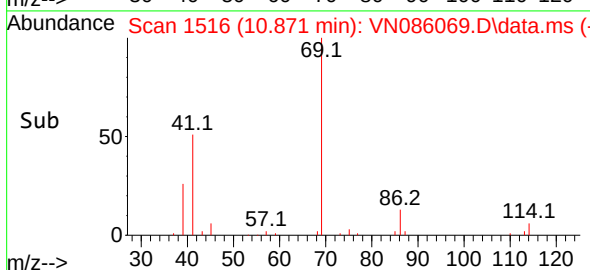
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025

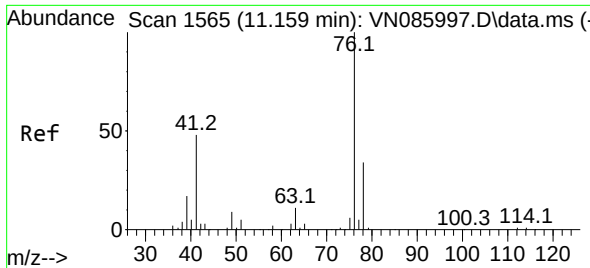


#56
Ethyl methacrylate
Concen: 18.297 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086069.D
Acq: 24 Mar 2025 14:00



Tgt Ion: 69 Resp: 43390
Ion Ratio Lower Upper
69 100
41 54.8 41.6 62.4
39 27.5 21.8 32.8





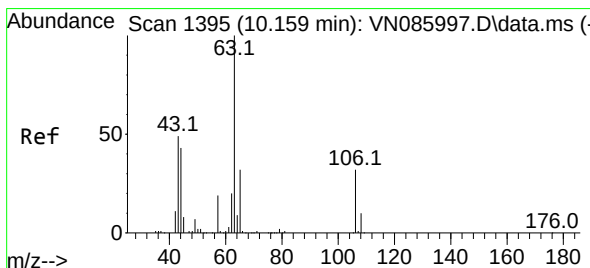
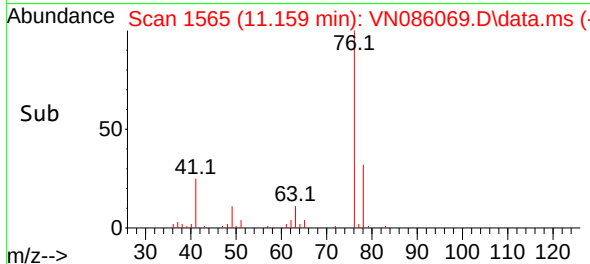
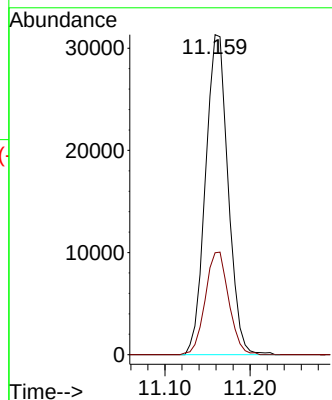
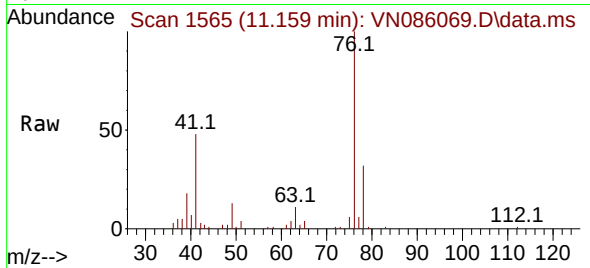
#57
1,3-Dichloropropane
Concen: 19.397 ug/l
RT: 11.159 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN086069.D
Acq: 24 Mar 2025 14:00

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01

Tgt Ion: 76 Resp: 57650
Ion Ratio Lower Upper
76 100
78 33.3 25.8 38.6

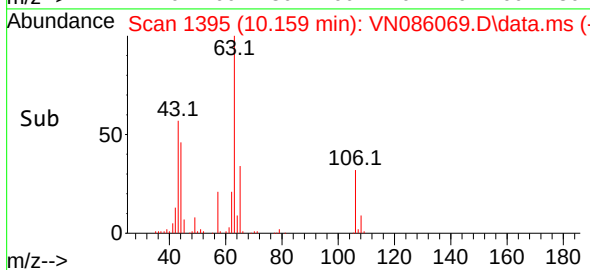
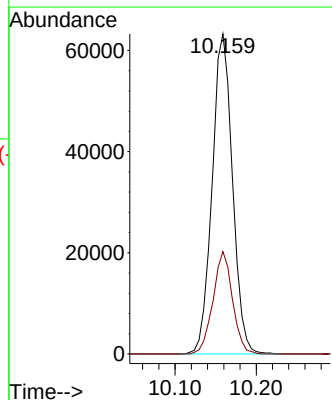
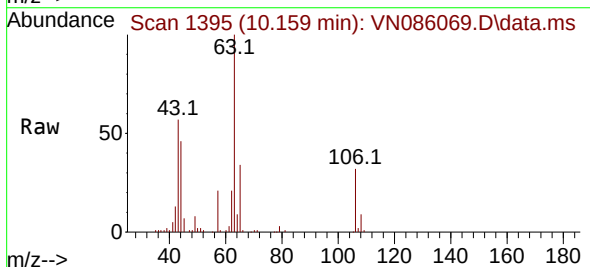
Manual Integrations
APPROVED

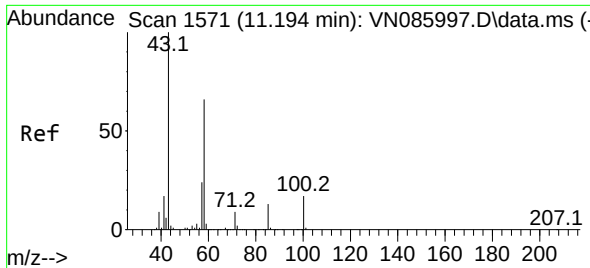
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#58
2-Chloroethyl Vinyl ether
Concen: 119.303 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN086069.D
Acq: 24 Mar 2025 14:00

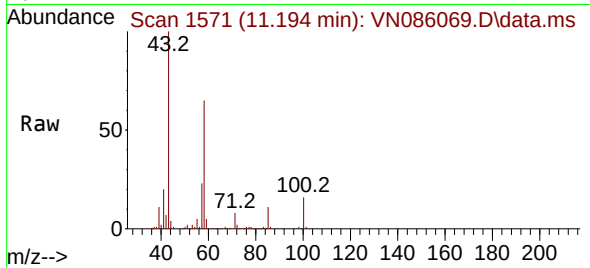
Tgt Ion: 63 Resp: 110088
Ion Ratio Lower Upper
63 100
106 30.6 25.0 37.6





#59
2-Hexanone
Concen: 94.687 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086069.D
Acq: 24 Mar 2025 14:00

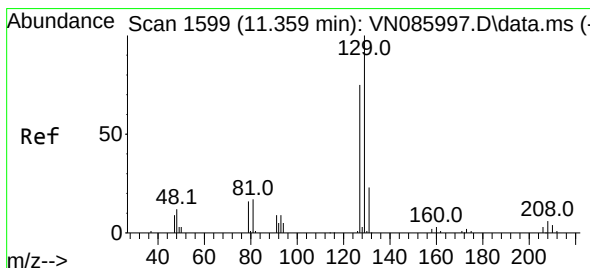
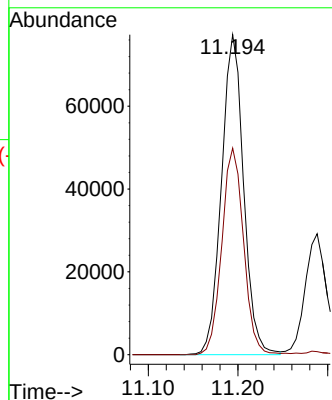
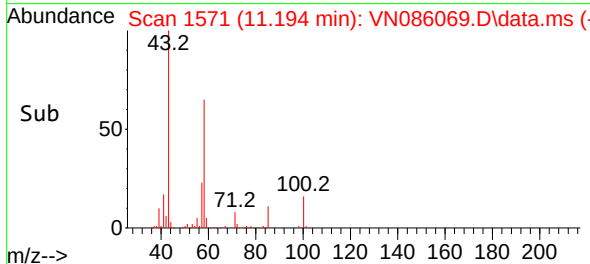
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01



Tgt Ion: 43 Resp: 132338
Ion Ratio Lower Upper
43 100
58 63.5 32.4 97.2

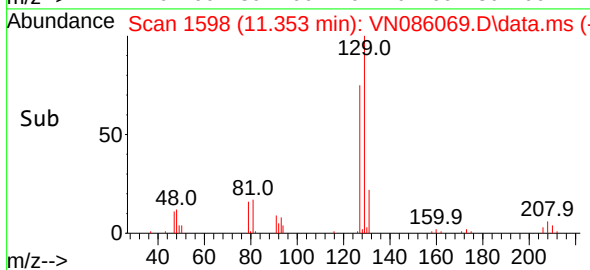
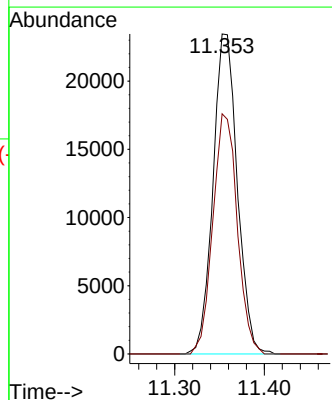
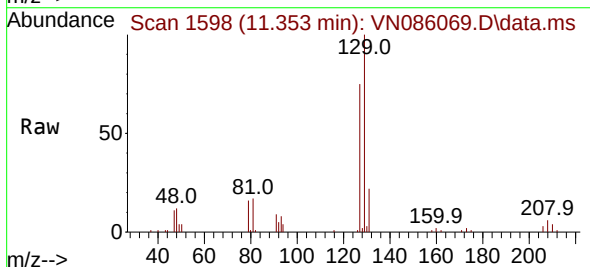
Manual Integrations
APPROVED

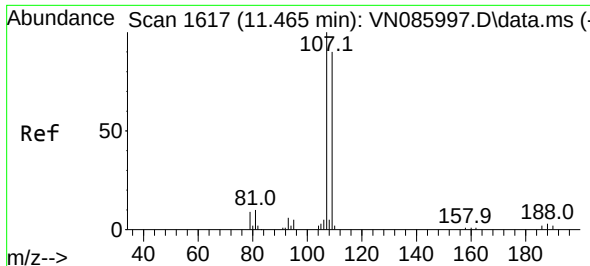
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#60
Dibromochloromethane
Concen: 19.543 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN086069.D
Acq: 24 Mar 2025 14:00

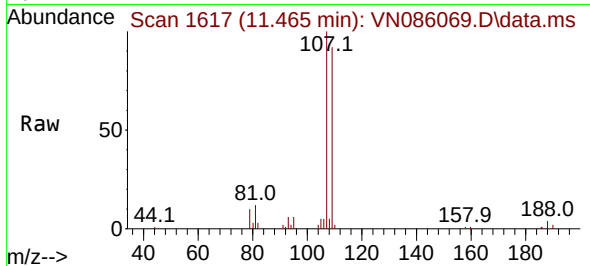
Tgt Ion:129 Resp: 44130
Ion Ratio Lower Upper
129 100
127 75.3 37.8 113.4





#61
1,2-Dibromoethane
Concen: 19.301 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086069.D
Acq: 24 Mar 2025 14:00

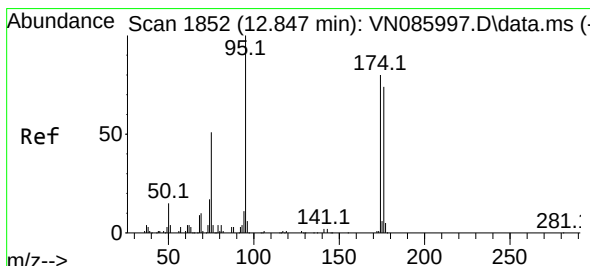
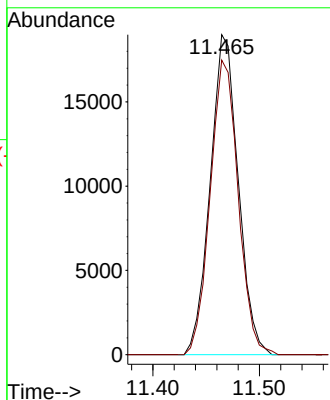
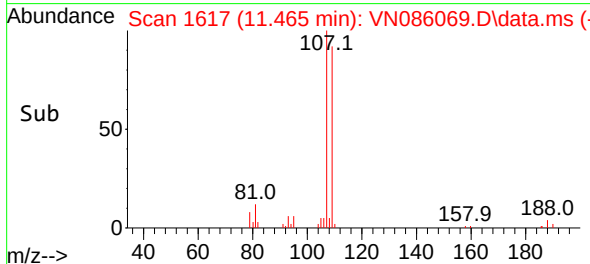
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01



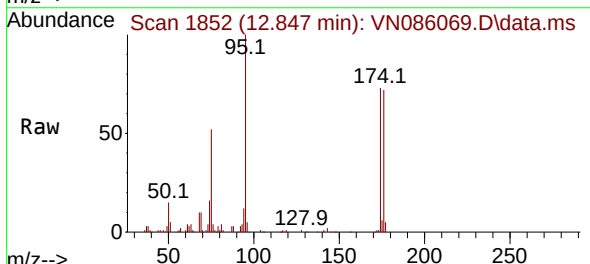
Tgt Ion:107 Resp: 3467
Ion Ratio Lower Upper
107 100
109 91.9 73.3 109.9

Manual Integrations
APPROVED

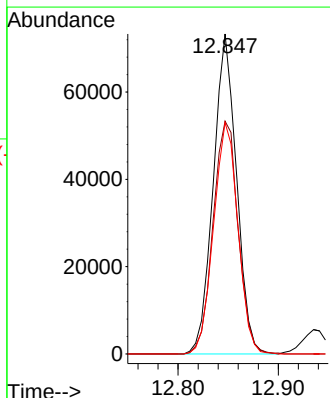
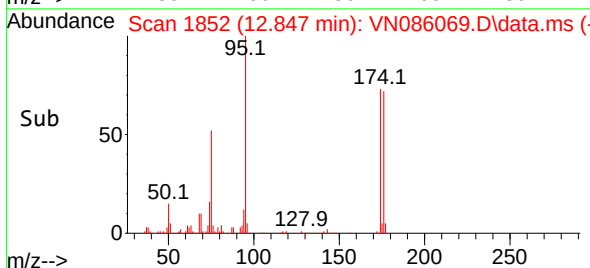
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025

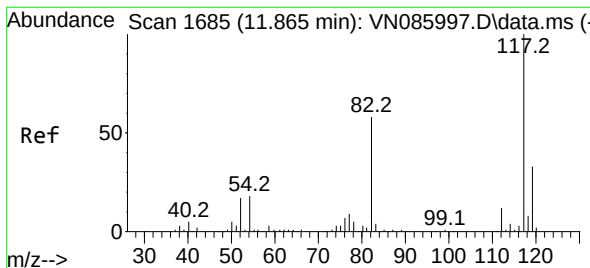


#62
4-Bromofluorobenzene
Concen: 50.425 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086069.D
Acq: 24 Mar 2025 14:00



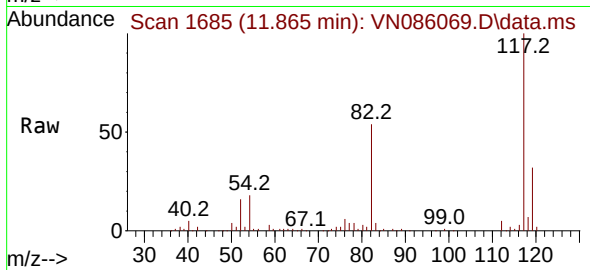
Tgt Ion: 95 Resp: 117946
Ion Ratio Lower Upper
95 100
174 78.6 0.0 156.8
176 75.7 0.0 152.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086069.D
Acq: 24 Mar 2025 14:00

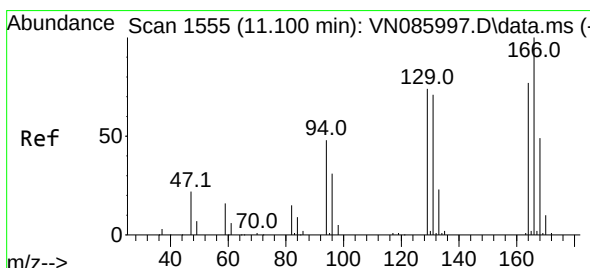
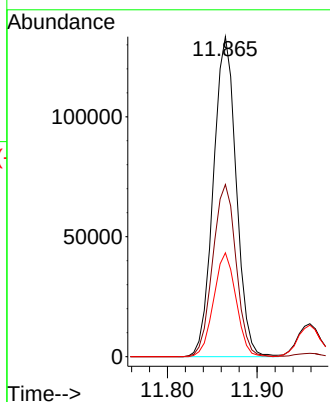
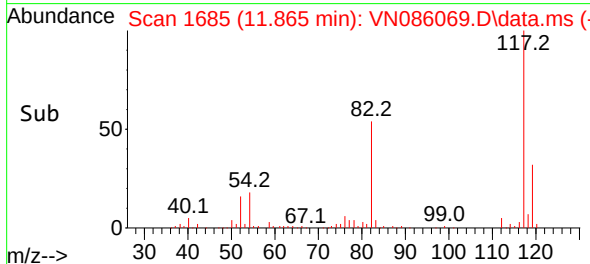
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01



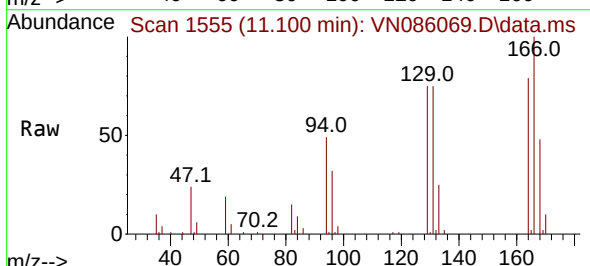
Tgt Ion:117 Resp: 23572
Ion Ratio Lower Upper
117 100
82 53.8 46.7 70.1
119 32.5 26.5 39.7

Manual Integrations
APPROVED

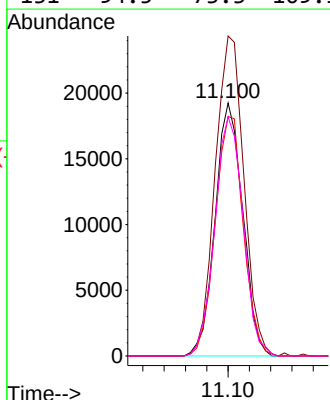
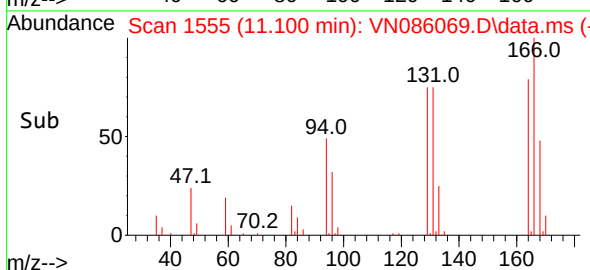
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025

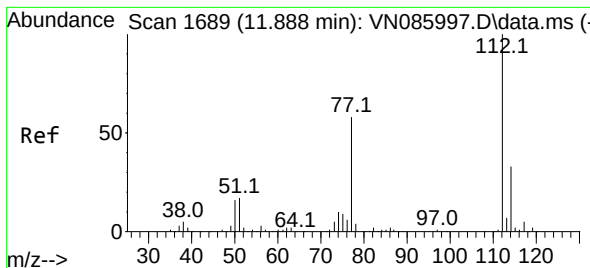


#64
Tetrachloroethene
Concen: 18.457 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086069.D
Acq: 24 Mar 2025 14:00



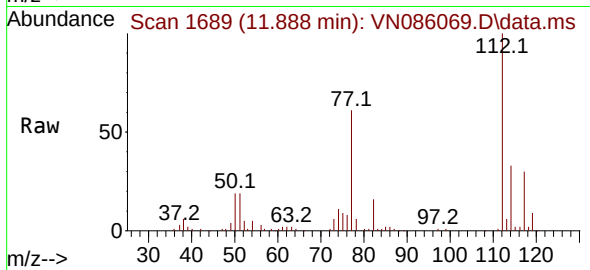
Tgt Ion:164 Resp: 34706
Ion Ratio Lower Upper
164 100
166 126.5 103.7 155.5
129 94.7 77.1 115.7
131 94.5 73.3 109.9





#65
Chlorobenzene
Concen: 18.091 ug/l
RT: 11.888 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN086069.D
Acq: 24 Mar 2025 14:00

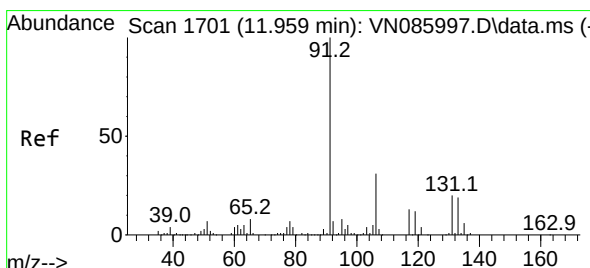
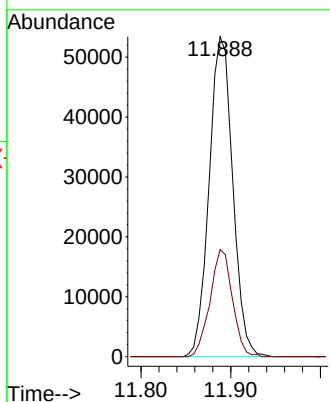
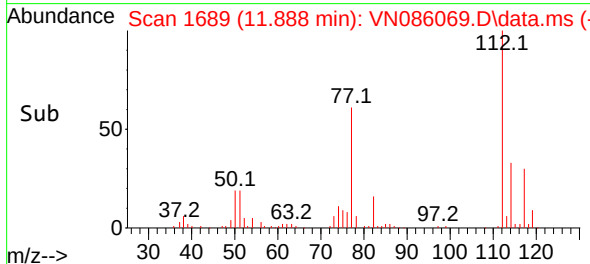
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01



Tgt Ion:112 Resp: 9758
Ion Ratio Lower Upper
112 100
114 33.5 26.3 39.5

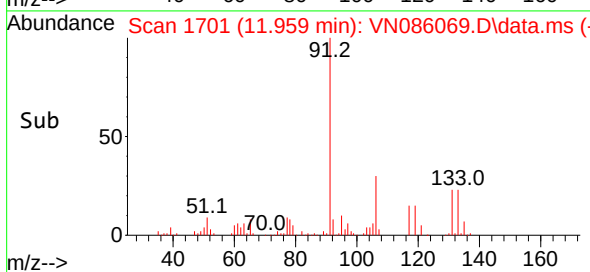
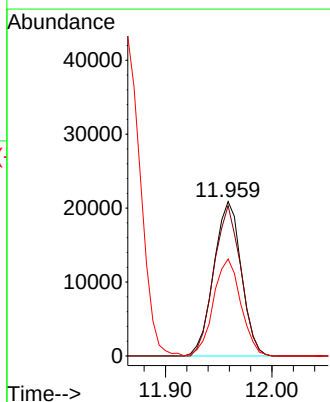
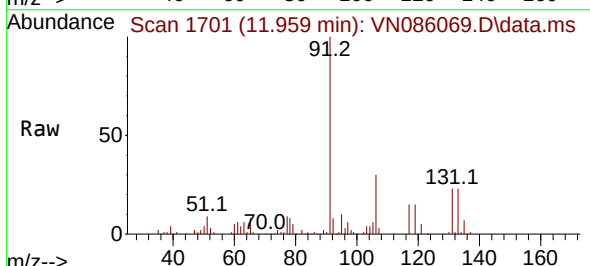
Manual Integrations
APPROVED

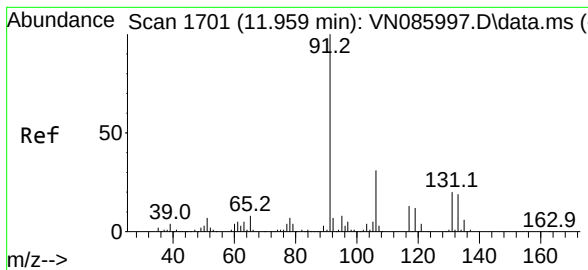
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 18.738 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086069.D
Acq: 24 Mar 2025 14:00

Tgt Ion:131 Resp: 37572
Ion Ratio Lower Upper
131 100
133 95.3 47.0 141.0
119 62.4 31.4 94.0





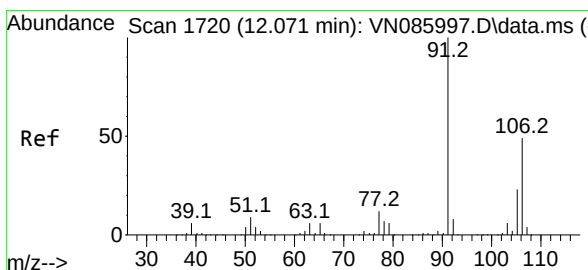
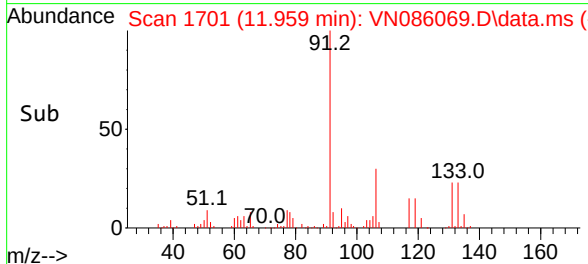
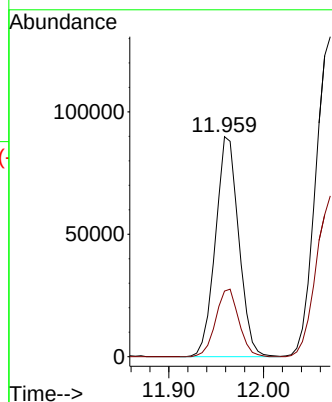
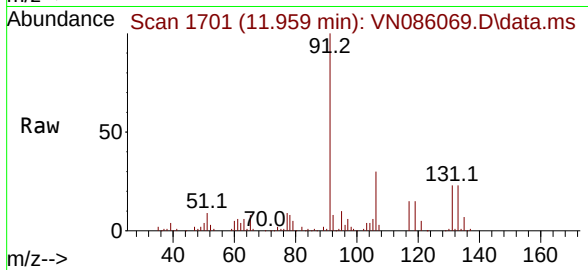
#67
Ethyl Benzene
Concen: 17.807 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086069.D
Acq: 24 Mar 2025 14:00

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01

Tgt Ion: 91 Resp: 153649
Ion Ratio Lower Upper
91 100
106 29.8 24.5 36.7

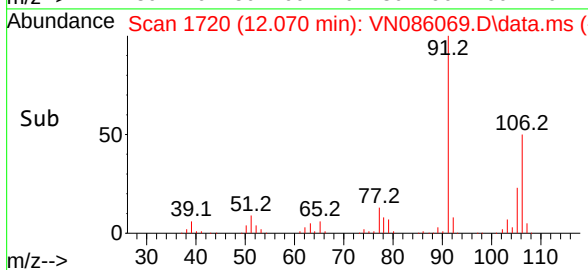
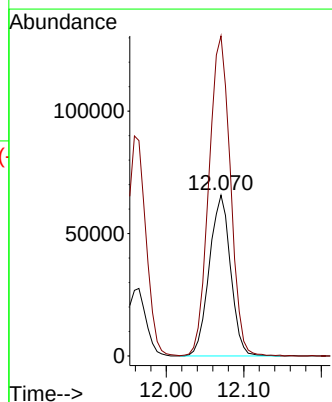
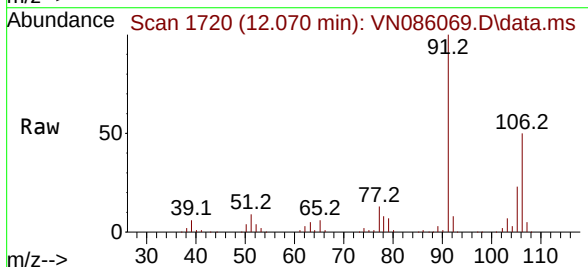
Manual Integrations
APPROVED

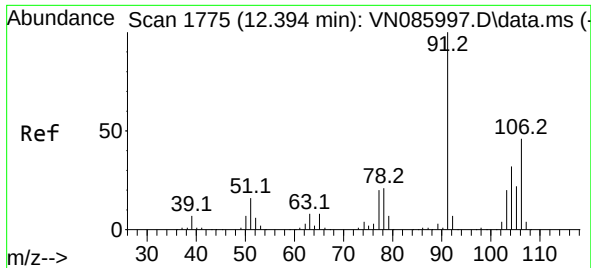
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#68
m/p-Xylenes
Concen: 36.929 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086069.D
Acq: 24 Mar 2025 14:00

Tgt Ion:106 Resp: 125241
Ion Ratio Lower Upper
106 100
91 201.2 163.9 245.9





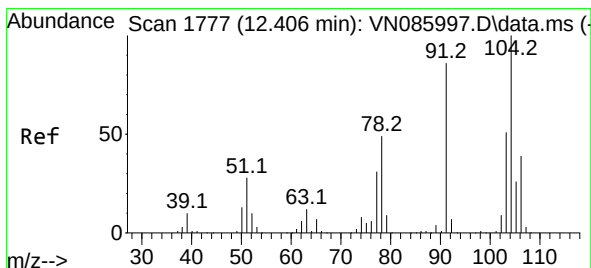
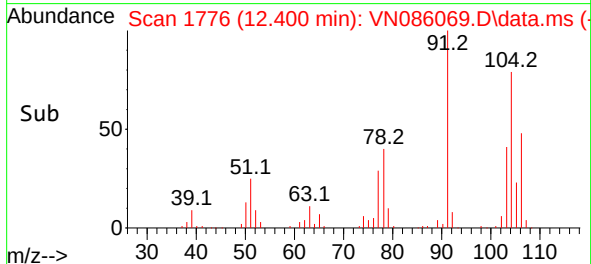
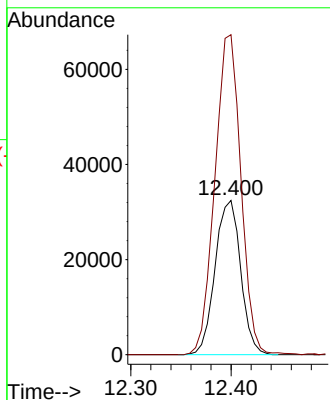
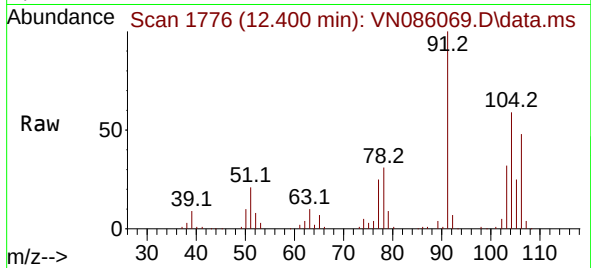
#69
o-Xylene
Concen: 18.418 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN086069.D
Acq: 24 Mar 2025 14:00

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01

Tgt Ion:106 Resp: 57330
Ion Ratio Lower Upper
106 100
91 211.3 109.1 327.2

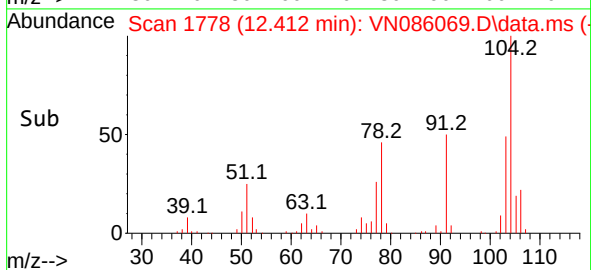
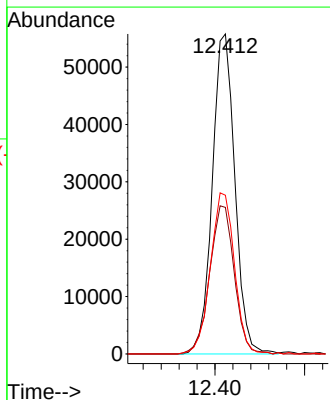
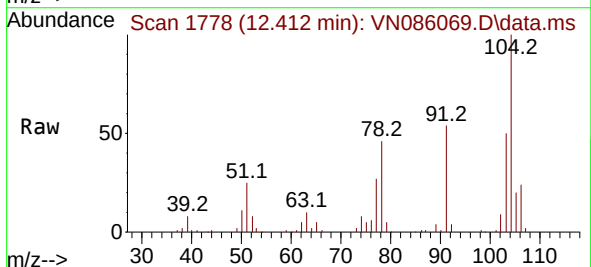
Manual Integrations
APPROVED

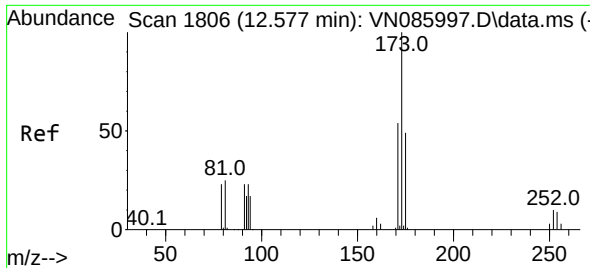
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#70
Styrene
Concen: 18.342 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN086069.D
Acq: 24 Mar 2025 14:00

Tgt Ion:104 Resp: 97515
Ion Ratio Lower Upper
104 100
78 50.4 41.4 62.2
103 53.7 42.9 64.3





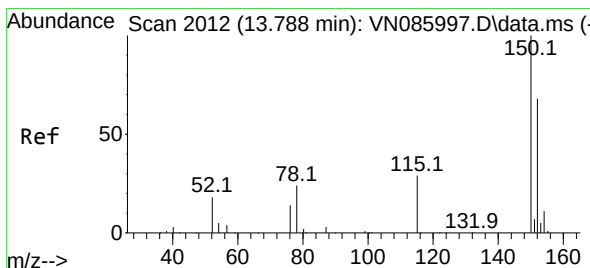
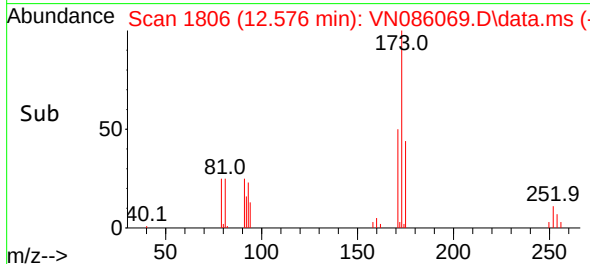
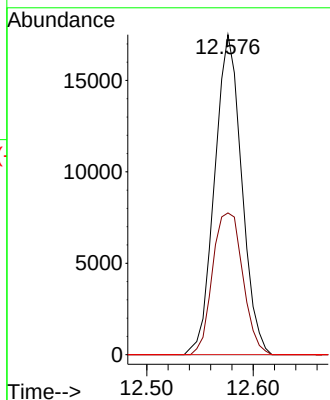
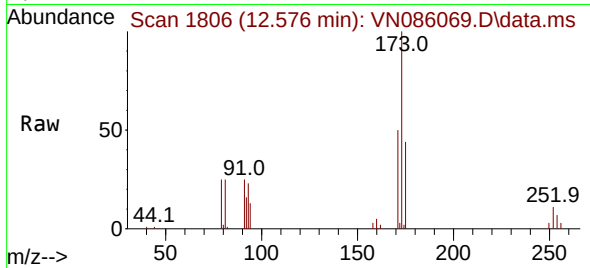
#71
Bromoform
Concen: 18.446 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086069.D
Acq: 24 Mar 2025 14:00

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01

Tgt Ion:173 Resp: 30919
Ion Ratio Lower Upper
173 100
175 49.5 24.3 73.0
254 0.0 0.0 0.0

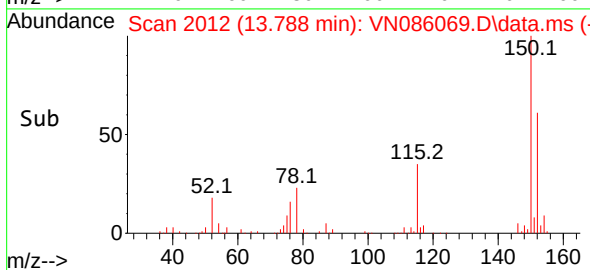
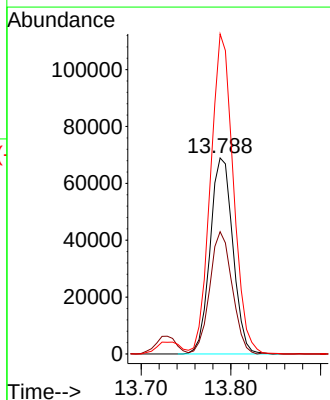
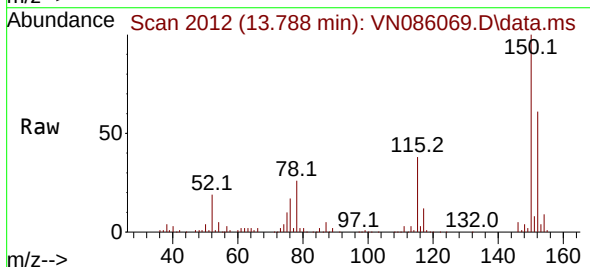
Manual Integrations
APPROVED

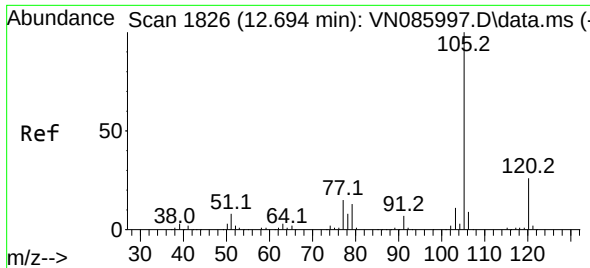
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086069.D
Acq: 24 Mar 2025 14:00

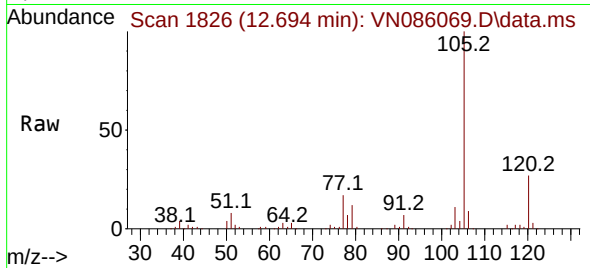
Tgt Ion:152 Resp: 121424
Ion Ratio Lower Upper
152 100
115 61.5 31.1 93.2
150 163.5 0.0 359.6





#73
Isopropylbenzene
Concen: 16.865 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086069.D
Acq: 24 Mar 2025 14:00

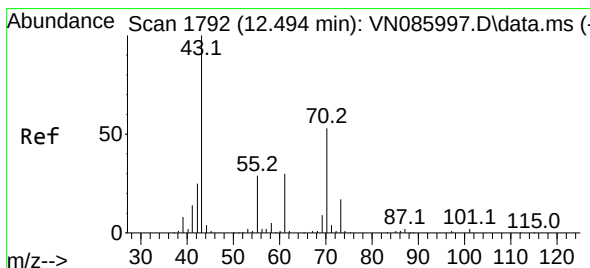
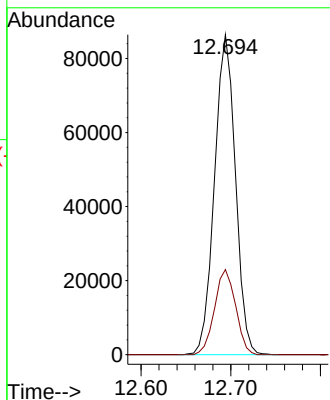
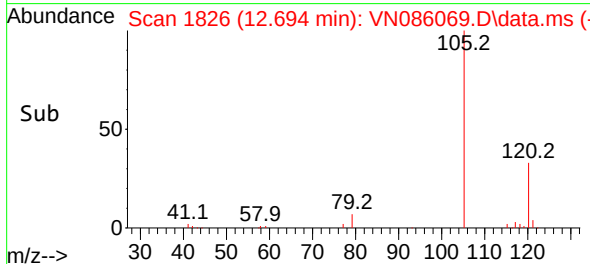
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01



Tgt Ion:105 Resp: 13984
Ion Ratio Lower Upper
105 100
120 26.8 13.0 39.0

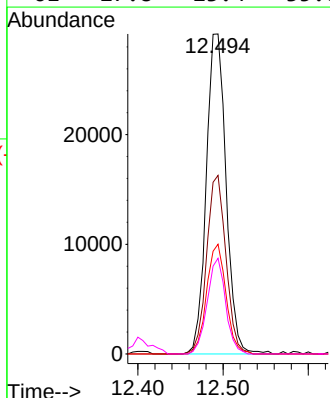
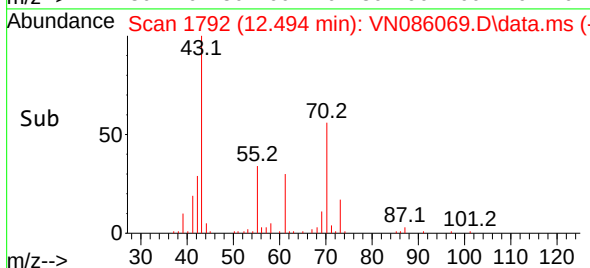
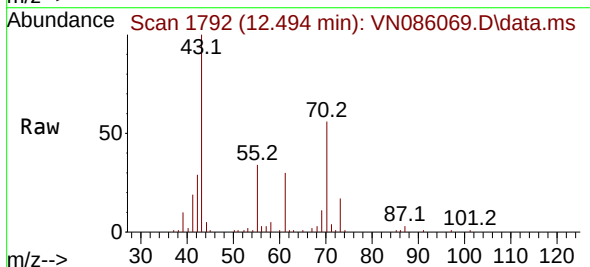
Manual Integrations
APPROVED

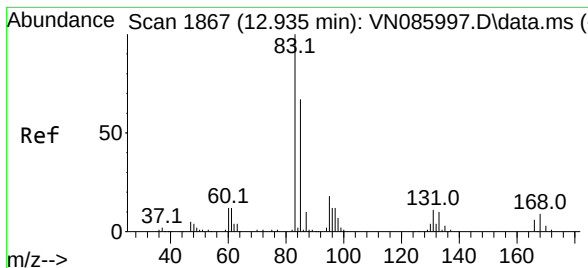
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#74
N-ethyl acetate
Concen: 17.008 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN086069.D
Acq: 24 Mar 2025 14:00

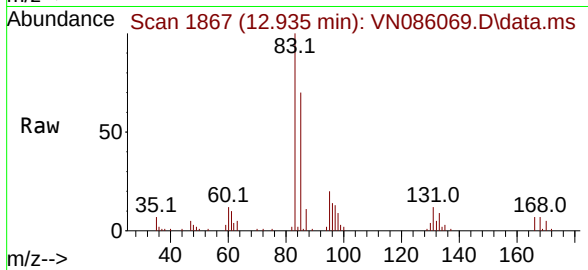
Tgt Ion: 43 Resp: 47183
Ion Ratio Lower Upper
43 100
70 54.4 43.0 64.4
55 33.6 23.8 35.8
61 27.8 23.4 35.0





#75
1,1,2,2-Tetrachloroethane
Concen: 17.264 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086069.D
Acq: 24 Mar 2025 14:00

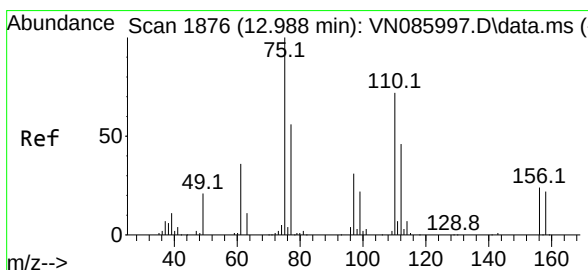
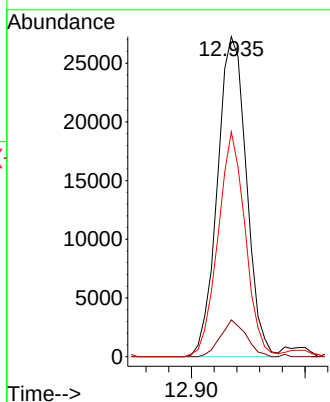
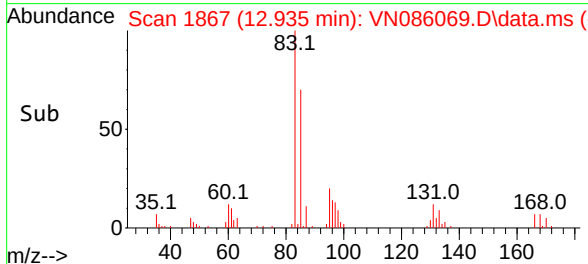
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01



Tgt Ion: 83 Resp: 4843
Ion Ratio Lower Upper
83 100
131 10.1 5.5 16.5
85 65.9 32.6 97.8

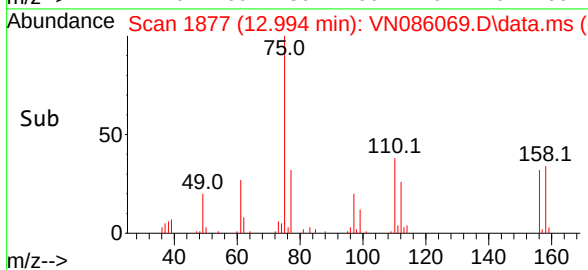
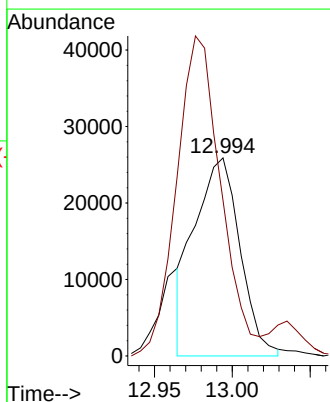
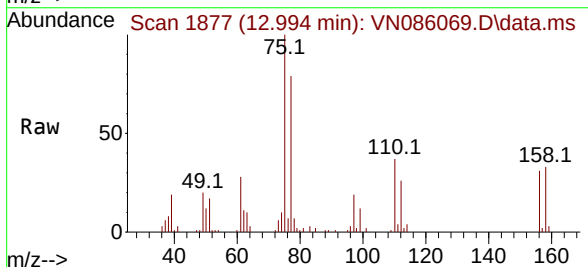
Manual Integrations
APPROVED

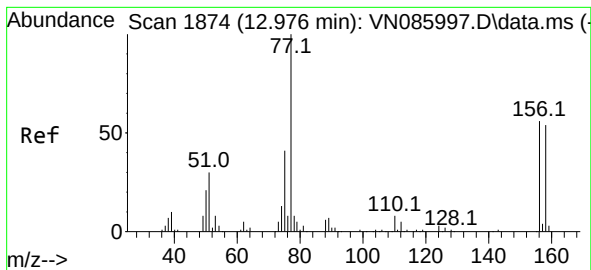
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#76
1,2,3-Trichloropropane
Concen: 19.351 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN086069.D
Acq: 24 Mar 2025 14:00

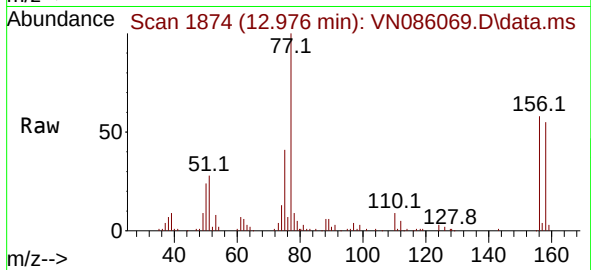
Tgt Ion: 75 Resp: 52605
Ion Ratio Lower Upper
75 100
77 157.1 83.7 251.0





#77
Bromobenzene
Concen: 17.391 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086069.D
Acq: 24 Mar 2025 14:00

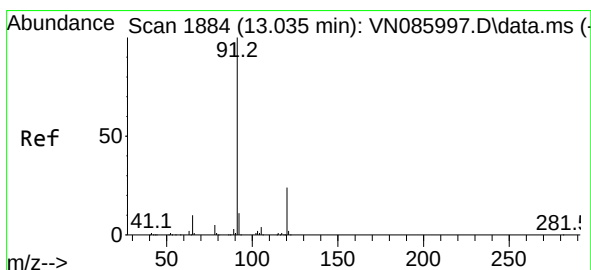
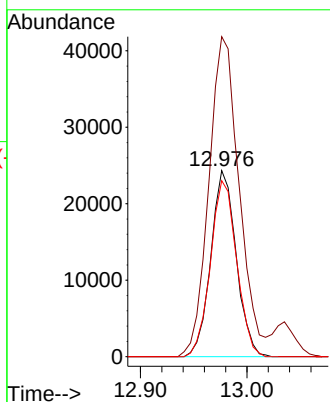
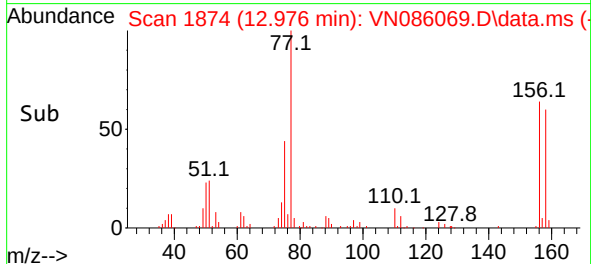
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01



Tgt Ion:156 Resp: 40210
Ion Ratio Lower Upper
156 100
77 205.5 104.1 312.3
158 97.5 49.0 147.0

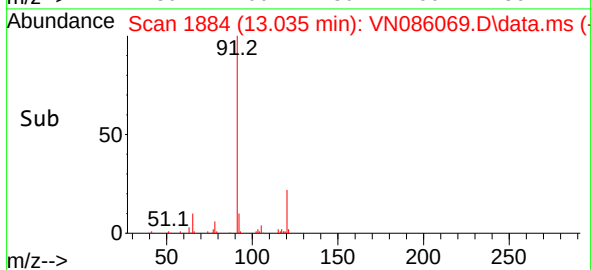
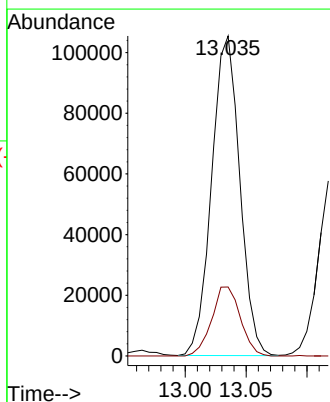
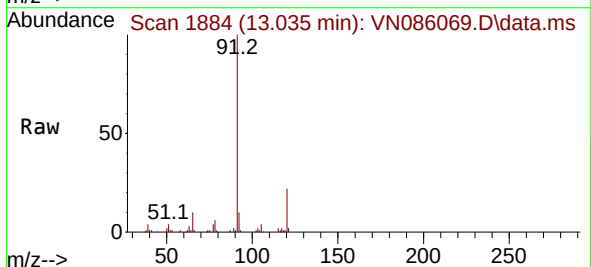
Manual Integrations
APPROVED

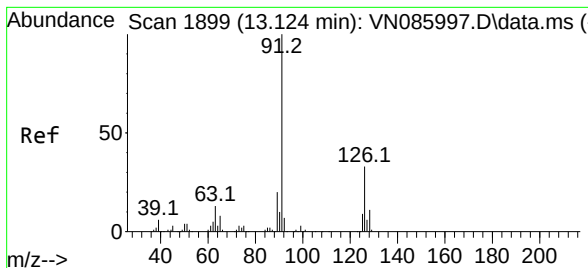
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#78
n-propylbenzene
Concen: 18.012 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086069.D
Acq: 24 Mar 2025 14:00

Tgt Ion: 91 Resp: 169117
Ion Ratio Lower Upper
91 100
120 22.0 11.7 35.0





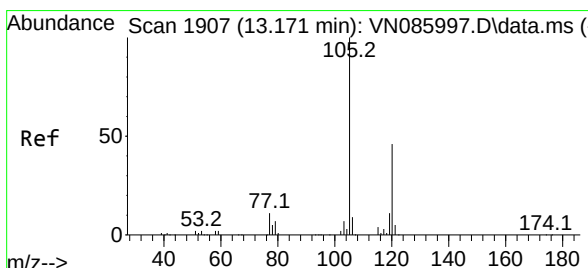
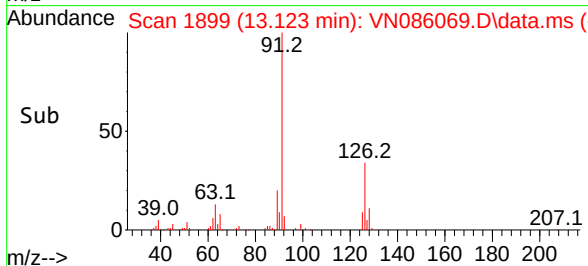
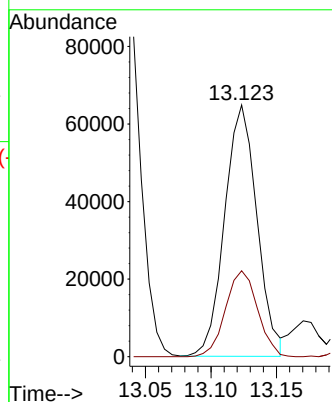
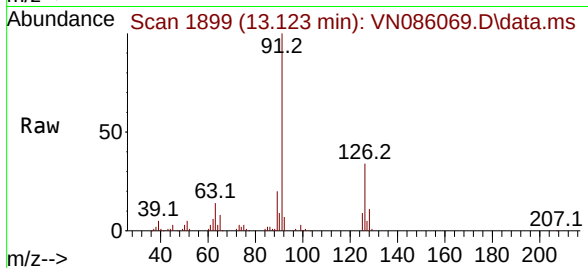
#79
2-Chlorotoluene
Concen: 17.826 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086069.D
Acq: 24 Mar 2025 14:00

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01

Tgt Ion: 91 Resp: 11117
Ion Ratio Lower Upper
91 100
126 33.8 16.4 49.2

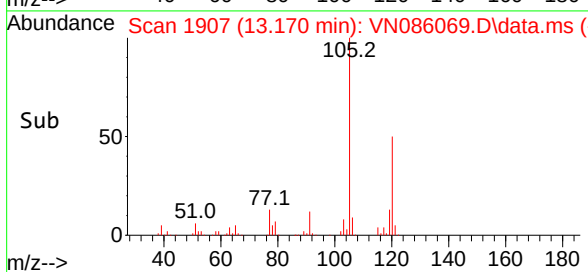
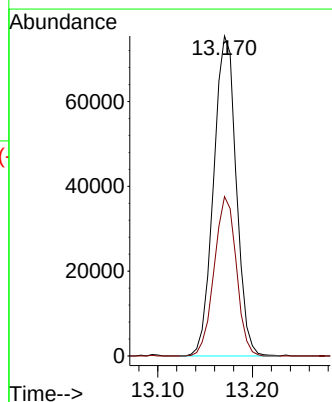
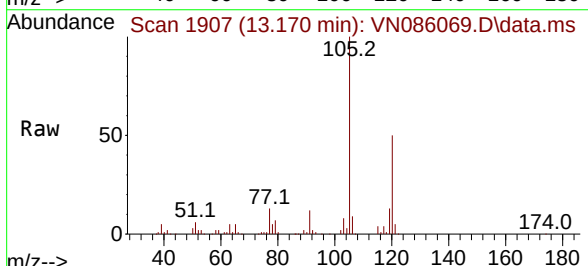
Manual Integrations
APPROVED

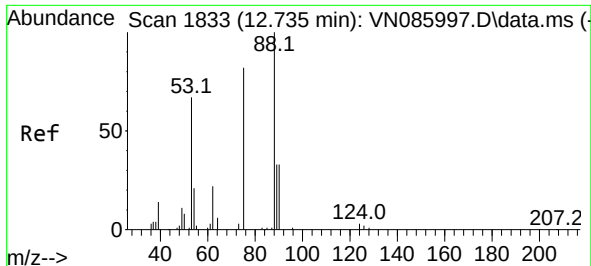
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#80
1,3,5-Trimethylbenzene
Concen: 17.875 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086069.D
Acq: 24 Mar 2025 14:00

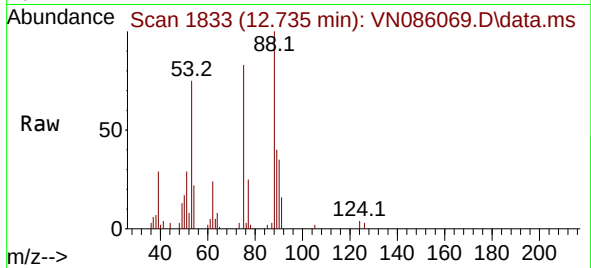
Tgt Ion:105 Resp: 125141
Ion Ratio Lower Upper
105 100
120 48.7 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 17.485 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086069.D
Acq: 24 Mar 2025 14:00

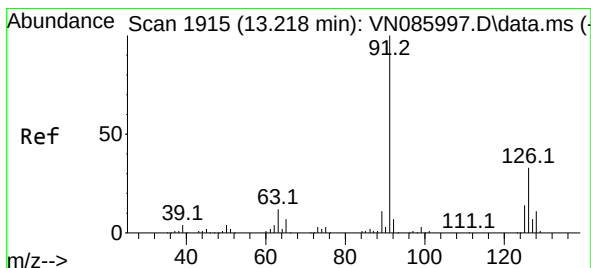
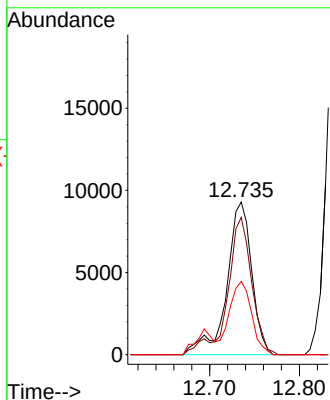
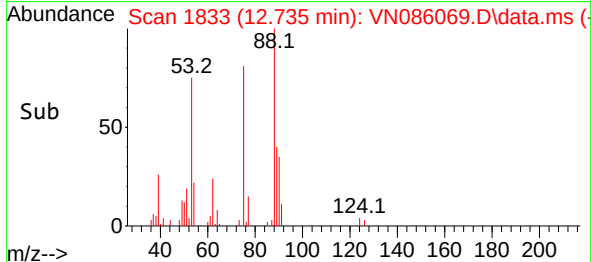
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01



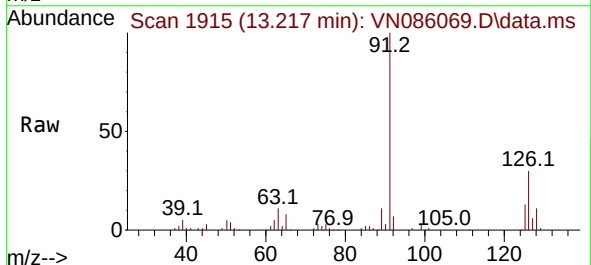
Tgt Ion: 75 Resp: 17979
Ion Ratio Lower Upper
75 100
53 80.4 66.0 99.0
89 43.3 36.9 55.3

Manual Integrations
APPROVED

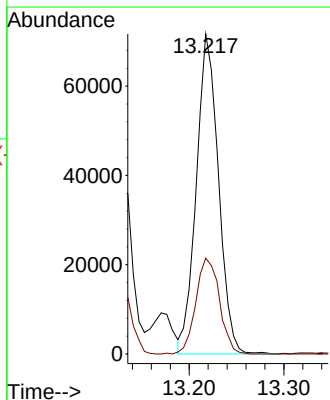
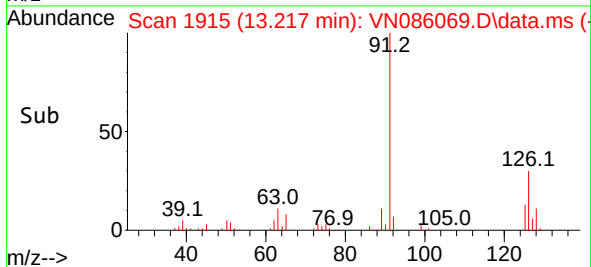
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025

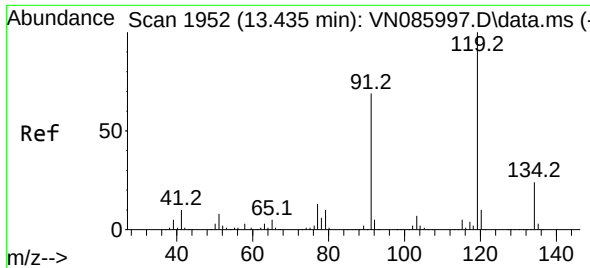


#82
4-Chlorotoluene
Concen: 18.157 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086069.D
Acq: 24 Mar 2025 14:00



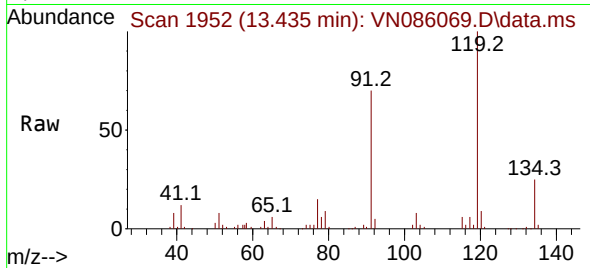
Tgt Ion: 91 Resp: 116444
Ion Ratio Lower Upper
91 100
126 31.9 16.1 48.2





#83
tert-Butylbenzene
Concen: 16.162 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086069.D
Acq: 24 Mar 2025 14:00

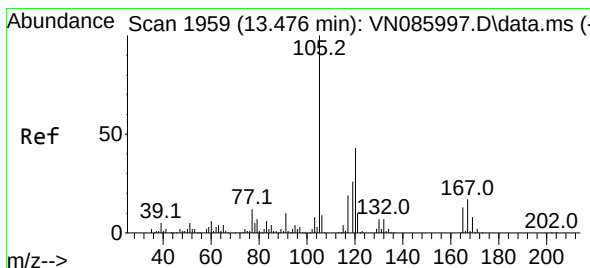
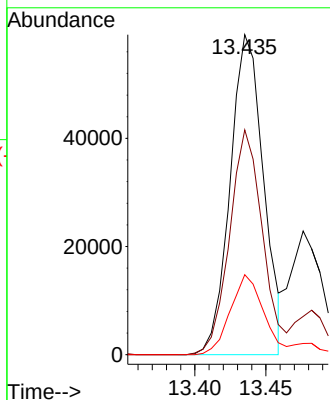
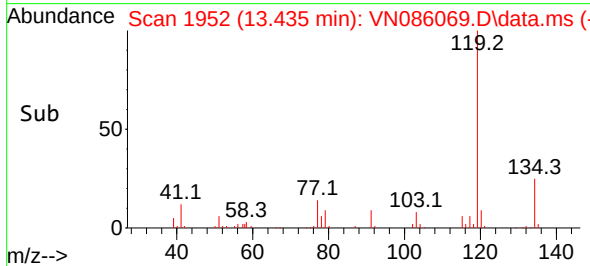
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01



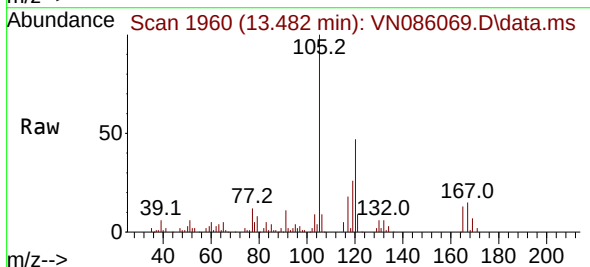
Tgt Ion:119 Resp: 96768
Ion Ratio Lower Upper
119 100
91 69.7 34.3 102.9
134 24.8 13.5 40.5

Manual Integrations
APPROVED

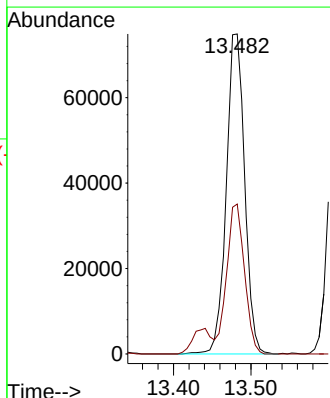
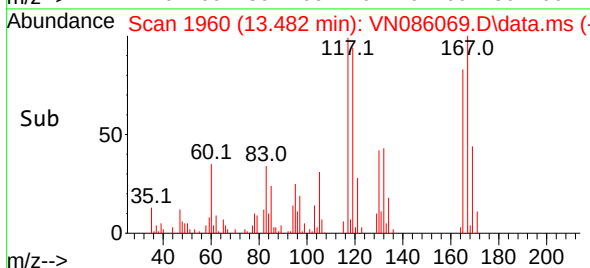
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025

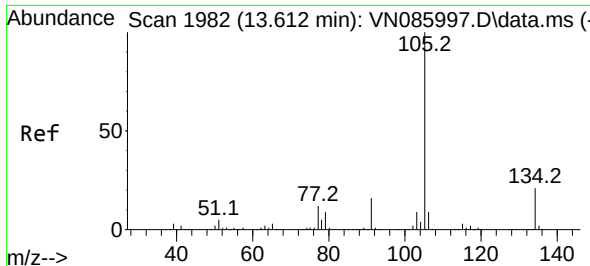


#84
1,2,4-Trimethylbenzene
Concen: 17.493 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN086069.D
Acq: 24 Mar 2025 14:00



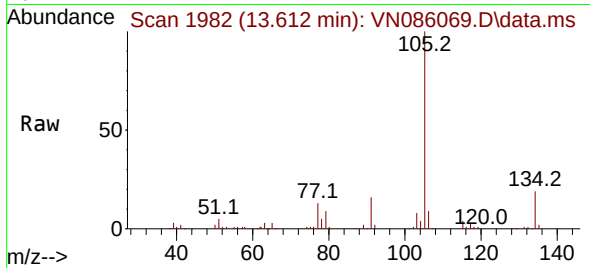
Tgt Ion:105 Resp: 123520
Ion Ratio Lower Upper
105 100
120 45.5 21.9 65.8





#85
 sec-Butylbenzene
 Concen: 17.593 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086069.D
 Acq: 24 Mar 2025 14:00

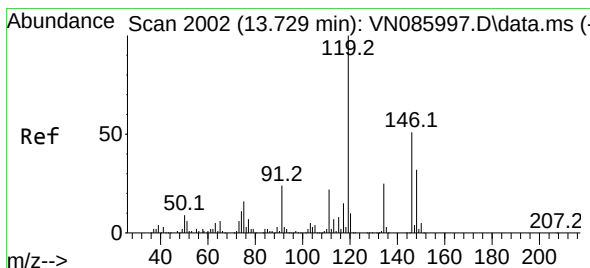
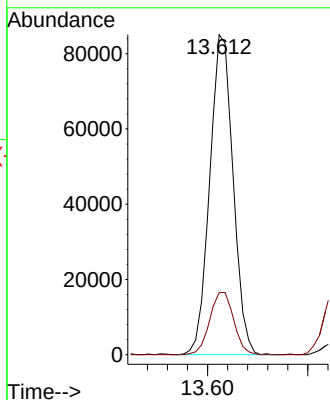
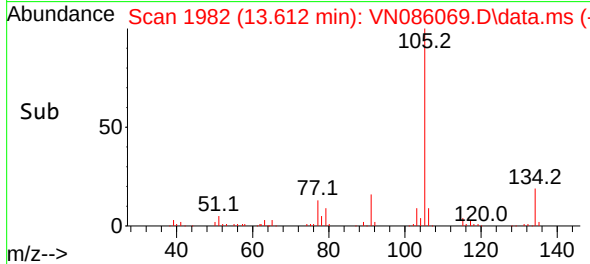
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0324WBS01



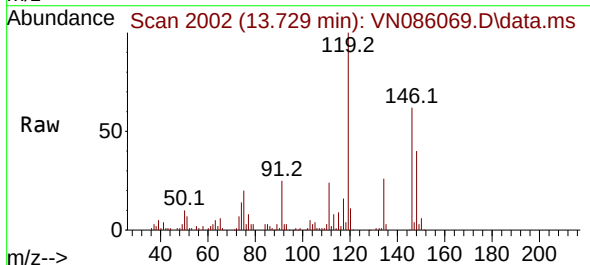
Tgt Ion:105 Resp: 137410
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.1 30.1

Manual Integrations
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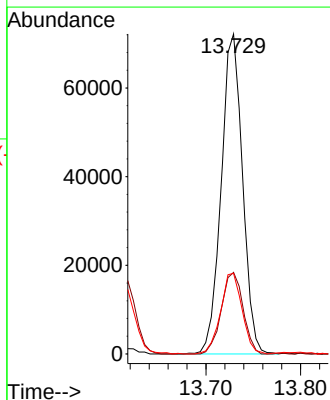
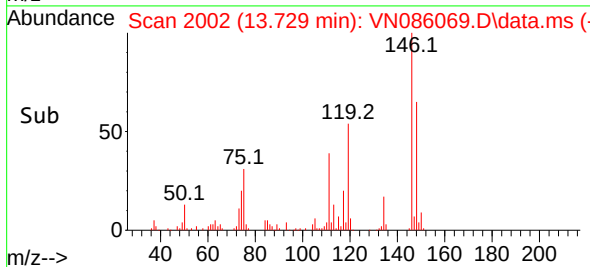
Reviewed By :John Carlone 03/25/2025
 Supervised By :Mahesh Dadoda 03/25/2025

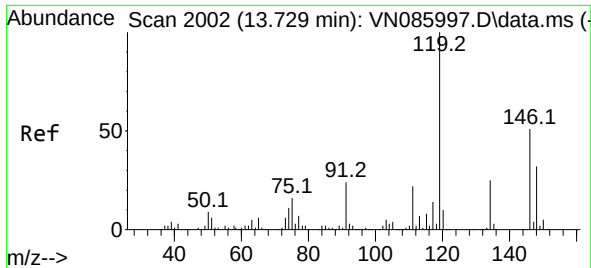


#86
 p-Isopropyltoluene
 Concen: 17.075 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN086069.D
 Acq: 24 Mar 2025 14:00



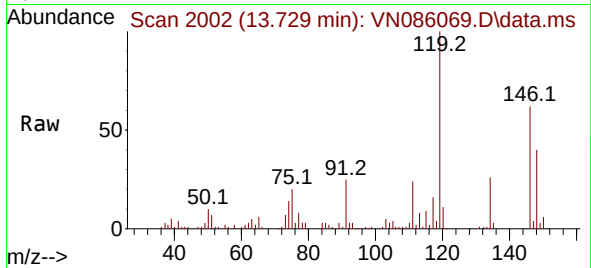
Tgt Ion:119 Resp: 112898
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.6 37.8
 91 25.4 12.3 36.8





#87
1,3-Dichlorobenzene
Concen: 17.852 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086069.D
Acq: 24 Mar 2025 14:00

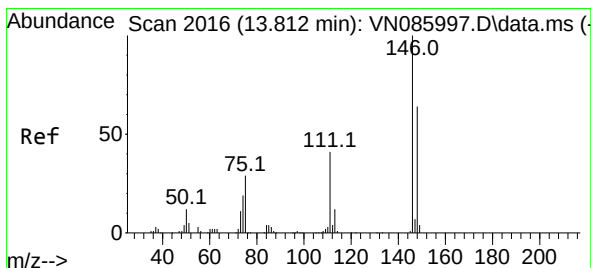
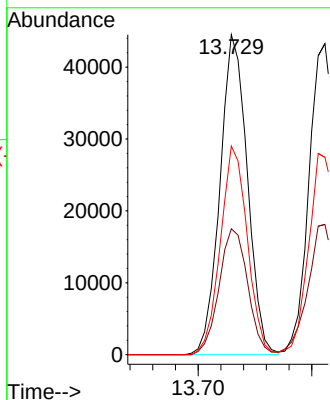
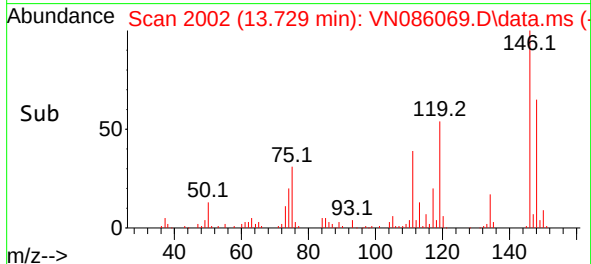
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01



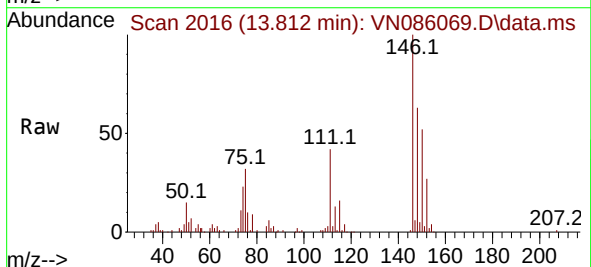
Tgt Ion:146 Resp: 74398
Ion Ratio Lower Upper
146 100
111 41.3 21.2 63.6
148 64.4 31.8 95.4

Manual Integrations
APPROVED

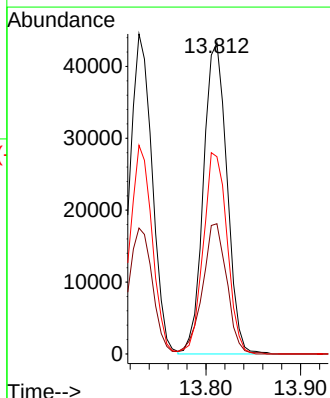
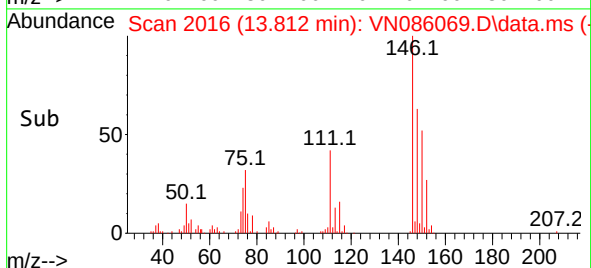
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025

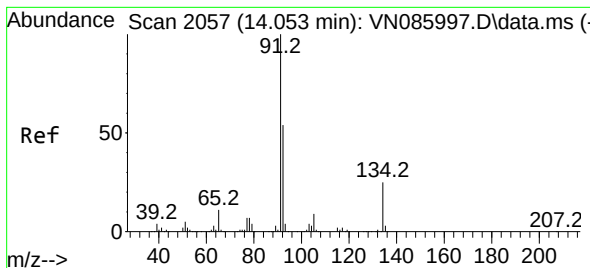


#88
1,4-Dichlorobenzene
Concen: 17.034 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN086069.D
Acq: 24 Mar 2025 14:00



Tgt Ion:146 Resp: 74587
Ion Ratio Lower Upper
146 100
111 43.1 20.4 61.3
148 65.5 32.1 96.5





#89

n-Butylbenzene

Concen: 16.684 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN086069.D

Acq: 24 Mar 2025 14:00

Instrument :

MSVOA_N

ClientSampleId :

VN0324WBS01

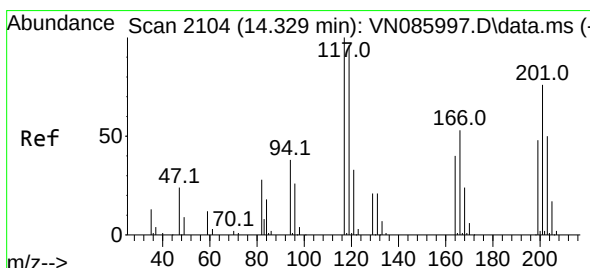
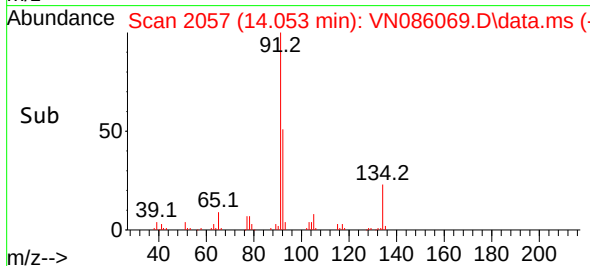
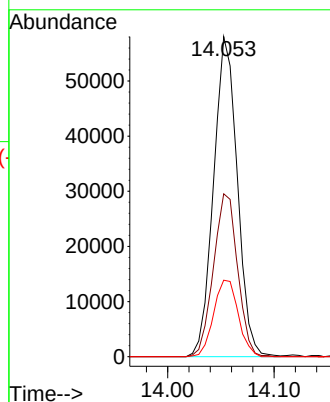
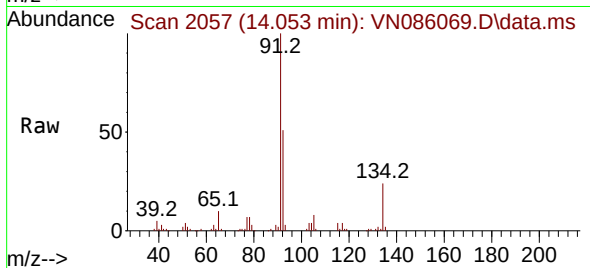
Tgt Ion:	91	Resp:	89830
Ion	Ratio	Lower	Upper
91	100		
92	51.7	26.9	80.6
134	24.8	13.0	39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2025

Supervised By :Mahesh Dadoda 03/25/2025



#90

Hexachloroethane

Concen: 17.318 ug/l

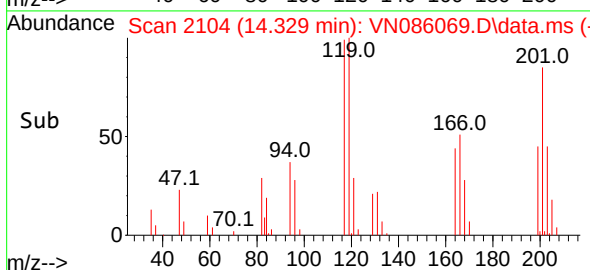
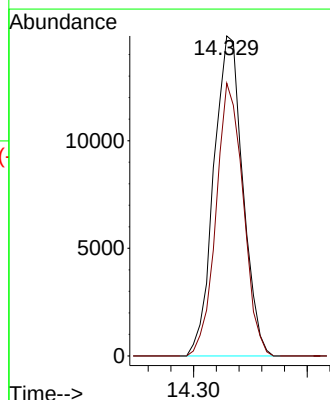
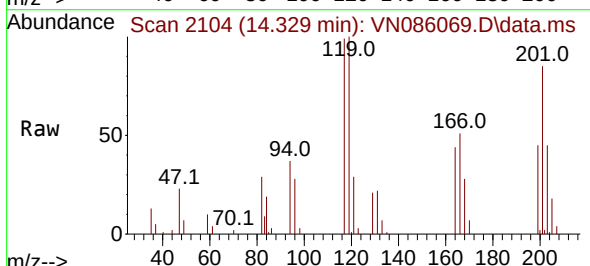
RT: 14.329 min Scan# 2104

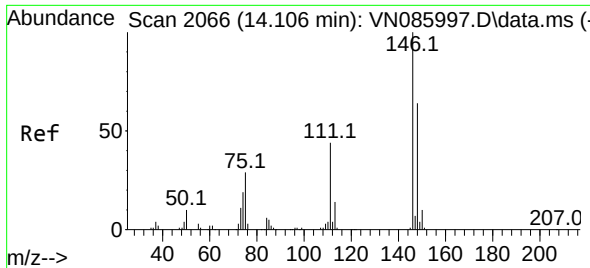
Delta R.T. -0.000 min

Lab File: VN086069.D

Acq: 24 Mar 2025 14:00

Tgt Ion:	117	Resp:	26422
Ion	Ratio	Lower	Upper
117	100		
201	79.7	39.1	117.3





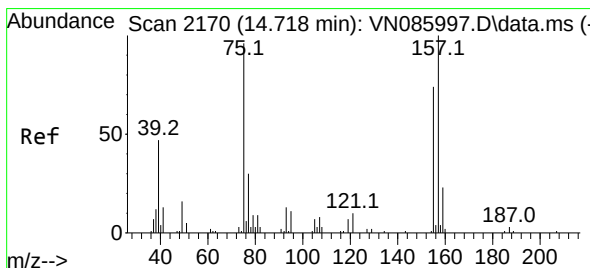
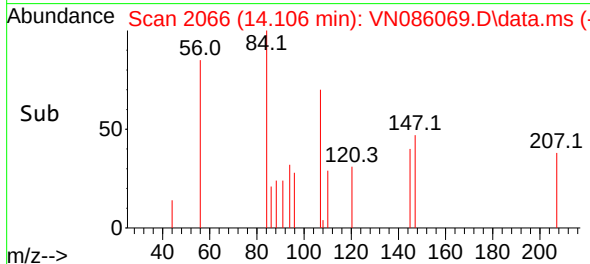
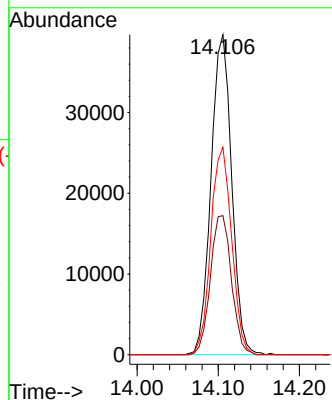
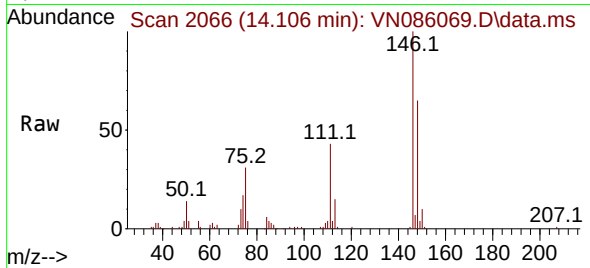
#91
1,2-Dichlorobenzene
Concen: 16.940 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN086069.D
Acq: 24 Mar 2025 14:00

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01

Tgt Ion:146 Resp: 7018
Ion Ratio Lower Upper
146 100
111 44.2 22.3 66.8
148 65.3 32.1 96.5

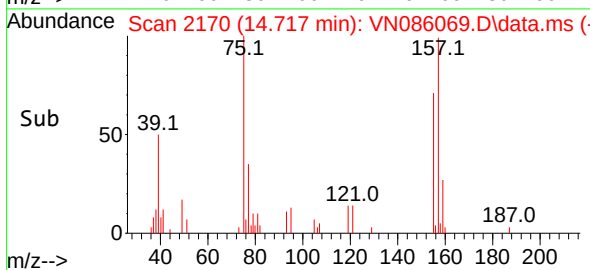
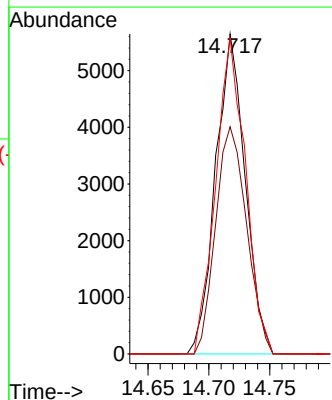
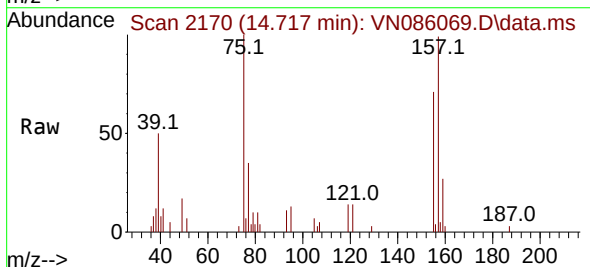
Manual Integrations
APPROVED

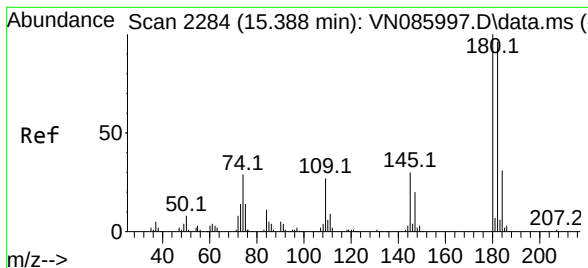
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.029 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086069.D
Acq: 24 Mar 2025 14:00

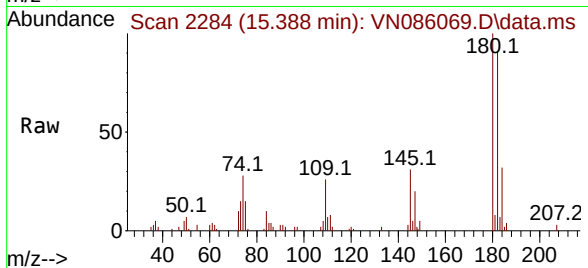
Tgt Ion: 75 Resp: 9536
Ion Ratio Lower Upper
75 100
155 74.5 41.0 123.0
157 99.4 53.7 161.1





#93
1,2,4-Trichlorobenzene
Concen: 15.568 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN086069.D
Acq: 24 Mar 2025 14:00

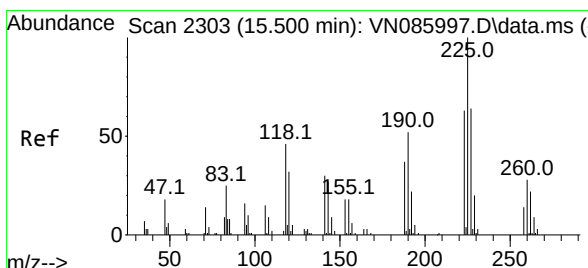
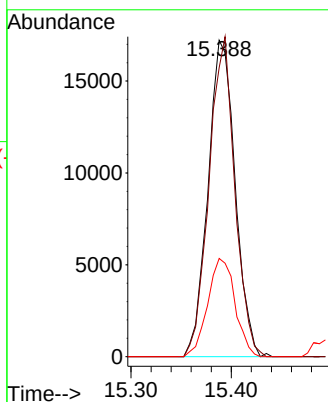
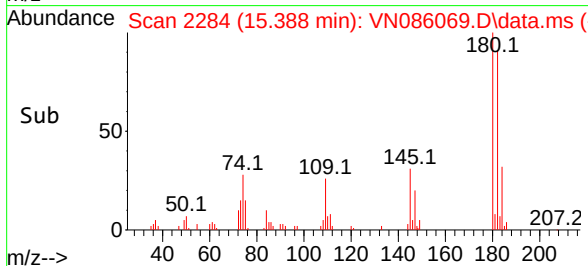
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01



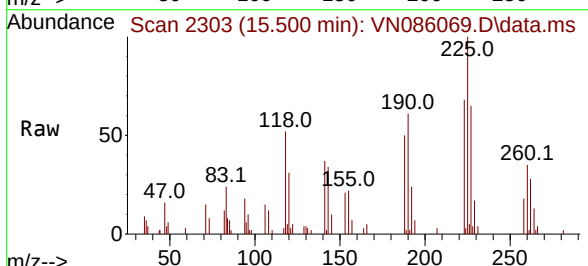
Tgt Ion:180 Resp: 32430
Ion Ratio Lower Upper
180 100
182 95.9 47.0 141.0
145 31.2 15.5 46.5

Manual Integrations
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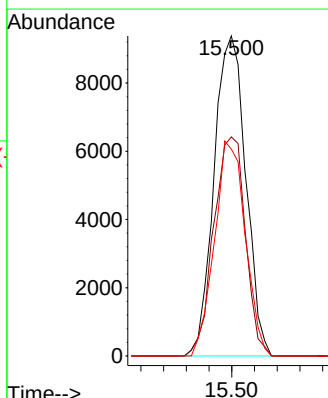
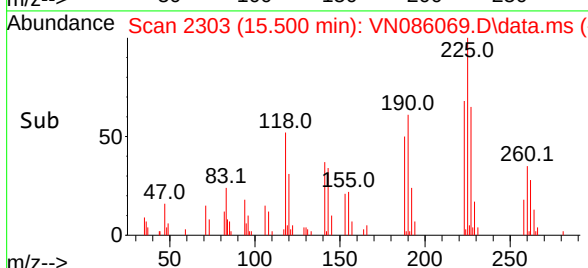
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025

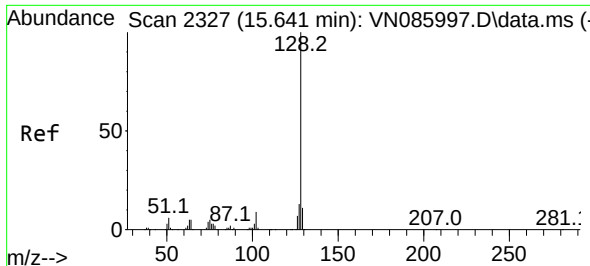


#94
Hexachlorobutadiene
Concen: 15.039 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN086069.D
Acq: 24 Mar 2025 14:00



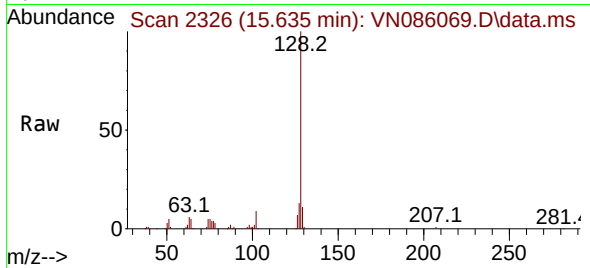
Tgt Ion:225 Resp: 18176
Ion Ratio Lower Upper
225 100
223 68.2 31.3 93.9
227 65.0 32.1 96.3





#95
Naphthalene
Concen: 13.910 ug/l
RT: 15.635 min Scan# 2327
Delta R.T. -0.006 min
Lab File: VN086069.D
Acq: 24 Mar 2025 14:00

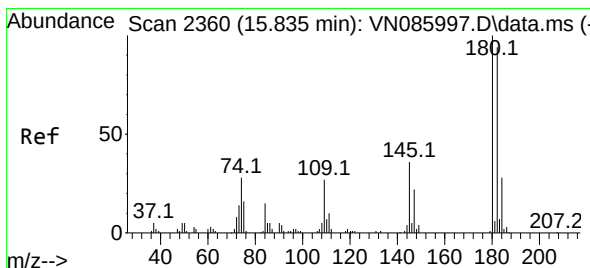
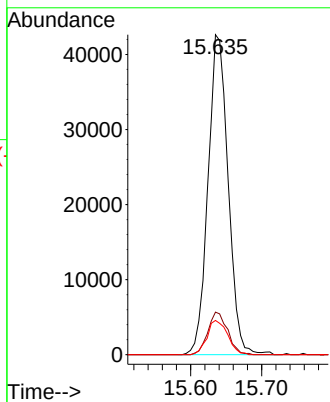
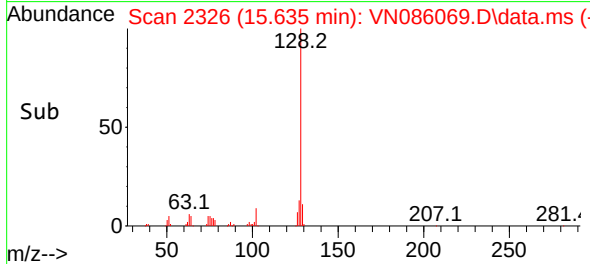
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01



Tgt Ion:128 Resp: 8390
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.9 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#96
1,2,3-Trichlorobenzene
Concen: 15.389 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN086069.D
Acq: 24 Mar 2025 14:00

Tgt Ion:180 Resp: 30420
Ion Ratio Lower Upper
180 100
182 102.0 47.5 142.5
145 34.9 17.7 53.1

