

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053025\
 Data File : VN086827.D
 Acq On : 30 May 2025 11:51
 Operator : JC\MD
 Sample : VN0530WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0530WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/02/2025
 Supervised By : Mahesh Dadoda 06/02/2025

Quant Time: May 31 03:44:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052925W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 30 02:22:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.806	128	52082	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.094	114	329263	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	277679	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.571	65	115678	32.327	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 107.767%	
60) 4-Bromofluorobenzene	12.847	95	127610	29.271	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 97.567%	
63) Toluene-d8	10.565	98	385779	30.269	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 100.900%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	67100	18.969	ug/l	100
3) Chloromethane	2.371	50	121106	26.554	ug/l	97
4) Vinyl Chloride	2.530	62	76254	18.168	ug/l	97
5) Bromomethane	2.983	94	33514	15.070	ug/l	93
6) Chloroethane	3.136	64	47982	18.691	ug/l	95
7) Trichlorofluoromethane	3.506	101	98212	19.979	ug/l	97
8) Diethyl Ether	3.942	74	42574	20.762	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.353	101	61868	20.536	ug/l	98
10) 1,1-Dichloroethene	4.324	96	63503	20.675	ug/l	98
11) Methyl Iodide	4.571	142	44826	12.380	ug/l	98
12) Methyl Acetate	5.006	43	67430	19.768	ug/l	96
13) Acrolein	4.165	56	43251	122.739	ug/l	100
14) Acrylonitrile	5.706	53	158967	100.147	ug/l	99
15) Acetone	4.412	58	43022	107.045	ug/l	92
16) Carbon Disulfide	4.695	76	168241	18.765	ug/l	98
17) Allyl chloride	5.006	41	94681	20.750	ug/l	96
18) Methylene Chloride	5.265	84	68651	19.246	ug/l	98
19) trans-1,2-Dichloroethene	5.771	96	64391	20.033	ug/l	96
20) Diisopropyl ether	6.665	45	211534	21.049	ug/l	99
21) 1,1-Dichloroethane	6.553	63	121650	20.058	ug/l	100
22) cis-1,2-Dichloroethene	7.477	96	79520	20.429	ug/l	99
23) tert-Butyl Alcohol	5.512	59	56999	111.820	ug/l #	100
24) Methyl tert-Butyl Ether	5.783	73	218000	21.536	ug/l	100
25) Chloroform	7.959	83	118865	20.024	ug/l	100
26) Cyclohexane	8.247	56	109983	20.953	ug/l #	96
29) 1,1-Dichloropropene	8.365	75	89208	18.427	ug/l	98
30) 2-Butanone	7.477	43	202680	95.552	ug/l	99
31) 2,2-Dichloropropane	7.483	77	110276m	19.298	ug/l	
32) 1,1,1-Trichloroethane	8.159	97	104957	18.703	ug/l	99
33) Carbon Tetrachloride	8.353	117	88526	18.454	ug/l	95
34) Benzene	8.600	78	286473	18.187	ug/l	98
35) Methacrylonitrile	7.765	41	47421	19.462	ug/l	96
36) 1,2-Dichloroethane	8.665	62	85856	18.601	ug/l	100
37) Trichloroethene	9.347	130	71883	16.452	ug/l	94
38) Methylcyclohexane	9.594	83	106534	19.834	ug/l	98
39) 1,2-Dichloropropane	9.618	63	69866	18.424	ug/l	98
40) Dibromomethane	9.706	93	45009	18.147	ug/l	96
41) Bromodichloromethane	9.882	83	95927	18.476	ug/l	95
42) Vinyl Acetate	6.589	43	663647	107.336	ug/l	99

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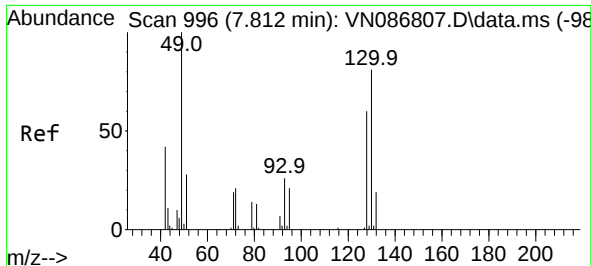
Manual Integrations
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 Supervised By : Mahesh Dadoda 06/02/2025

Quant Time: May 31 03:44:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052925W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 30 02:22:52 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.553	43	85794	19.767	ug/l	97
44) Isopropyl Acetate	8.683	43	146930	19.734	ug/l	99
45) 1,4-Dioxane	9.694	88	24736	373.781	ug/l	98
46) Methyl methacrylate	9.677	41	68930	20.078	ug/l	98
47) n-amyl Acetate	12.500	43	112539	18.827	ug/l	93
48) t-1,3-Dichloropropene	10.835	75	107113	19.279	ug/l	99
49) cis-1,3-Dichloropropene	10.306	75	115649	18.925	ug/l	96
50) 1,1,2-Trichloroethane	11.012	97	64757	18.538	ug/l	95
51) Ethyl methacrylate	10.871	69	108851	19.240	ug/l	96
52) 1,3-Dichloropropane	11.159	76	111283	17.950	ug/l	99
53) Dibromochloromethane	11.359	129	72354	18.329	ug/l	99
54) 1,2-Dibromoethane	11.465	107	66104	18.512	ug/l	100
55) 2-Chloroethyl vinyl ether	10.153	63	281708	103.733	ug/l	99
56) Bromoform	12.576	173	45885	18.448	ug/l	99
58) 4-Methyl-2-Pentanone	10.441	43	405217	99.453	ug/l	99
59) 2-Hexanone	11.200	43	267877	91.784	ug/l	99
61) Tetrachloroethene	11.100	164	73006	15.641	ug/l	93
62) Toluene	10.629	91	305486	19.534	ug/l	100
64) Chlorobenzene	11.888	112	187231	18.773	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.959	131	64069	19.554	ug/l	98
66) Ethyl Benzene	11.959	91	328982	19.449	ug/l	97
67) m/p-Xylenes	12.071	106	250981	37.811	ug/l	99
68) o-Xylene	12.394	106	124493	19.352	ug/l	99
69) Styrene	12.406	104	205653	19.188	ug/l	100
70) Isopropylbenzene	12.694	105	299128	19.550	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.935	83	83141	22.855	ug/l	98
72) 1,2,3-Trichloropropane	12.994	75	83742m	19.642	ug/l	
73) Bromobenzene	12.976	156	68798	18.091	ug/l	98
74) n-propylbenzene	13.035	91	342794	18.914	ug/l	100
75) 2-Chlorotoluene	13.123	91	213511	18.355	ug/l	98
76) 1,3,5-Trimethylbenzene	13.170	105	241846	19.000	ug/l	100
77) t-1,4-Dichloro-2-butene	12.735	75	37503	21.495	ug/l	94
78) 4-Chlorotoluene	13.218	91	210729	18.288	ug/l	100
79) tert-butylbenzene	13.435	119	211349	19.205	ug/l	99
80) 1,2,4-Trimethylbenzene	13.476	105	244130	19.108	ug/l	100
81) sec-Butylbenzene	13.612	105	282222	18.824	ug/l	99
82) p-Isopropyltoluene	13.723	119	237542	18.869	ug/l	100
83) 1,3-Dichlorobenzene	13.729	146	124148	17.795	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	125428	18.066	ug/l	100
85) n-Butylbenzene	14.053	91	202613	19.225	ug/l	98
86) Hexachloroethane	14.329	117	41190	19.198	ug/l	96
87) 1,2-Dichlorobenzene	14.106	146	121239	18.015	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.717	75	17625	23.007	ug/l	95
89) 1,2,4-Trichlorobenzene	15.835	180	61238	21.742	ug/l	98
90) Hexachlorobutadiene	15.500	225	22599	18.721	ug/l	97
91) Naphthalene	15.641	128	230603	23.466	ug/l	99
92) 1,2,3-Trichlorobenzene	15.835	180	61238	21.742	ug/l	98

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



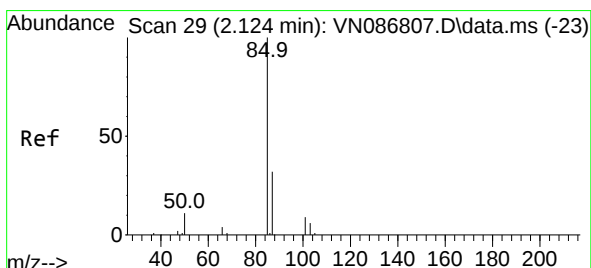
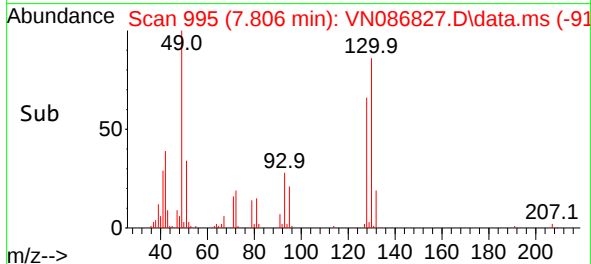
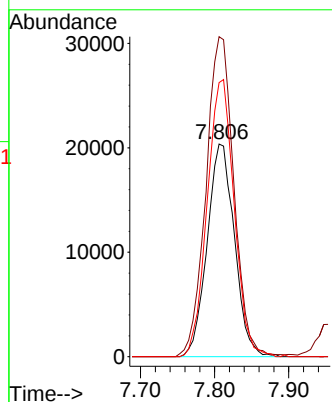
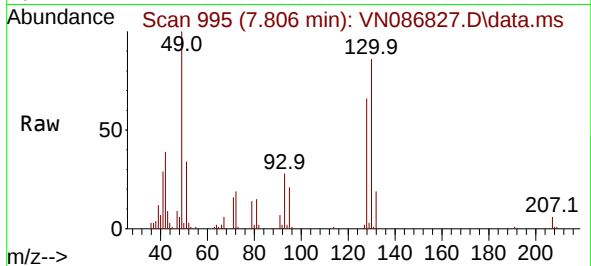
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.806 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

Instrument :
MSVOA_N
ClientSampleId :
VN0530WBS01

Tgt Ion:128 Resp: 5208
Ion Ratio Lower Upper
128 100
49 154.0 0.0 404.5
130 129.0 0.0 322.2

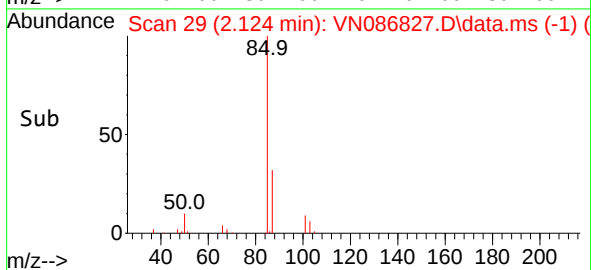
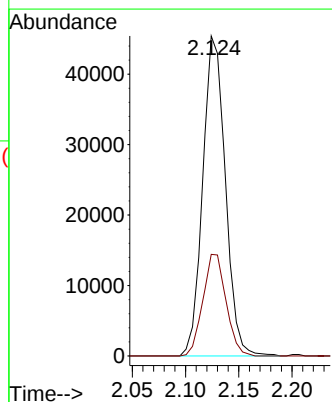
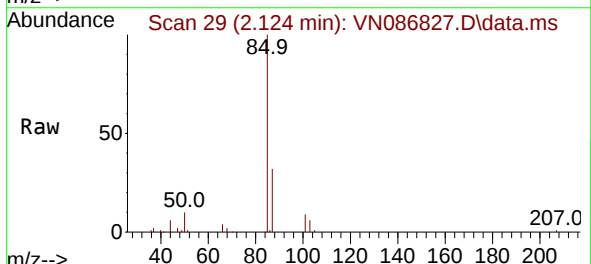
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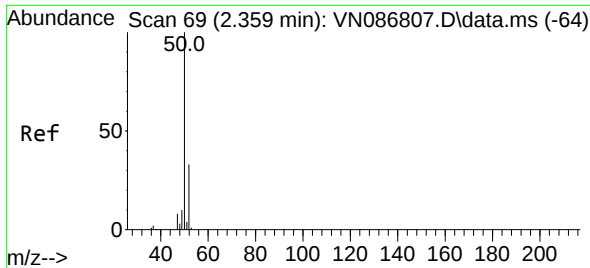
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#2
Dichlorodifluoromethane
Concen: 18.969 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

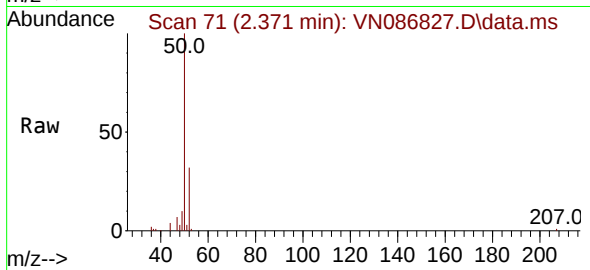
Tgt Ion: 85 Resp: 67100
Ion Ratio Lower Upper
85 100
87 31.8 15.9 47.7





#3
Chloromethane
Concen: 26.554 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.012 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

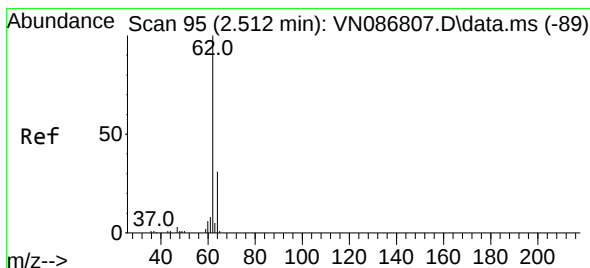
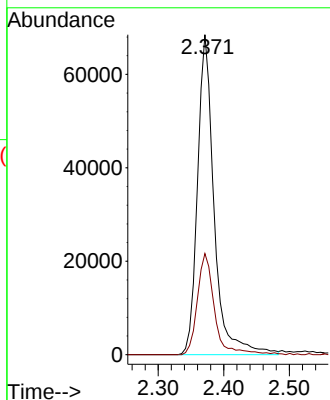
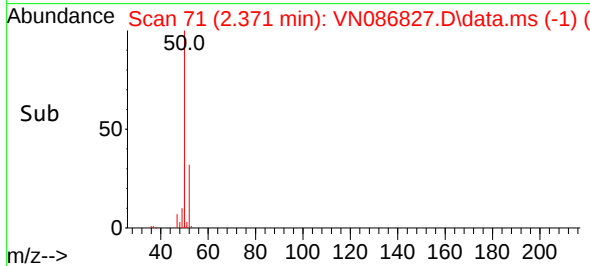
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBS01



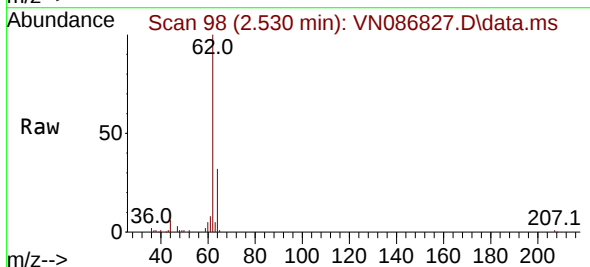
Tgt Ion: 50 Resp: 121100
Ion Ratio Lower Upper
50 100
52 31.6 26.6 40.0

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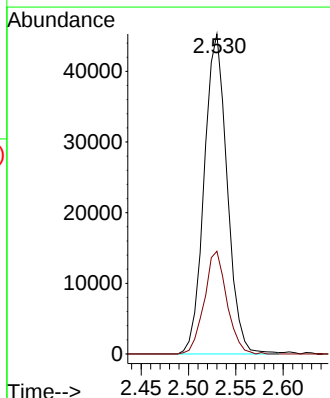
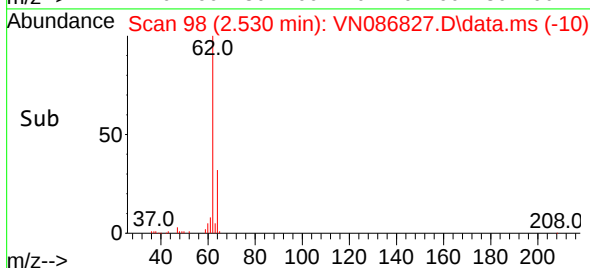
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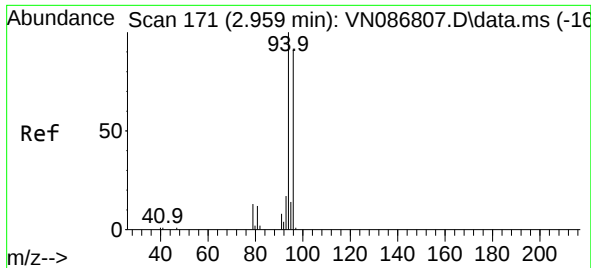


#4
Vinyl Chloride
Concen: 18.168 ug/l
RT: 2.530 min Scan# 98
Delta R.T. 0.018 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51



Tgt Ion: 62 Resp: 76254
Ion Ratio Lower Upper
62 100
64 32.1 24.6 36.8





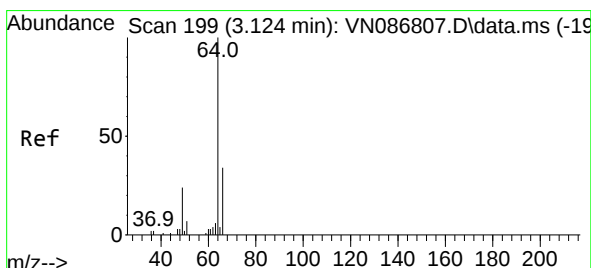
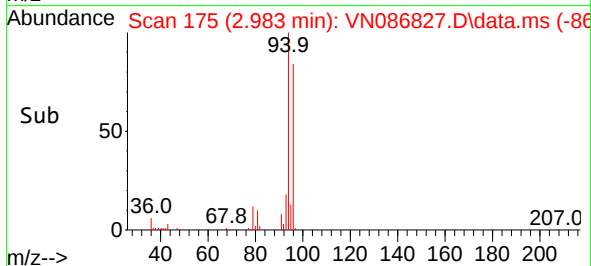
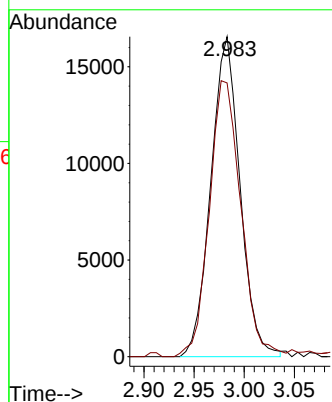
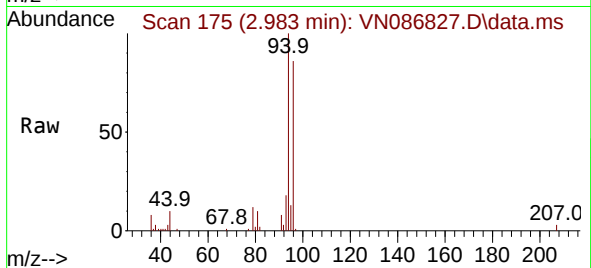
#5
Bromomethane
Concen: 15.070 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

Instrument :
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Tgt Ion: 94 Resp: 33514
Ion Ratio Lower Upper
94 100
96 84.5 72.7 109.1

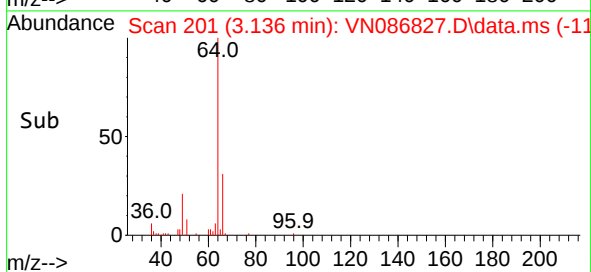
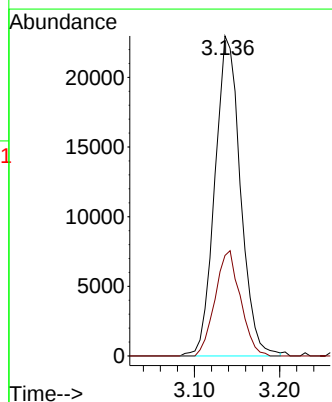
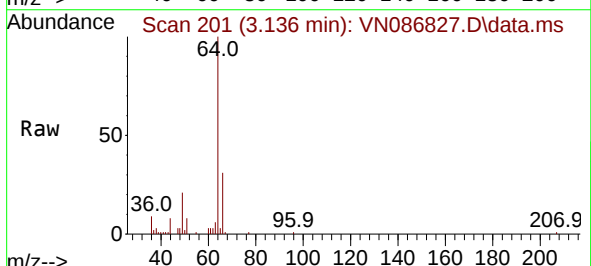
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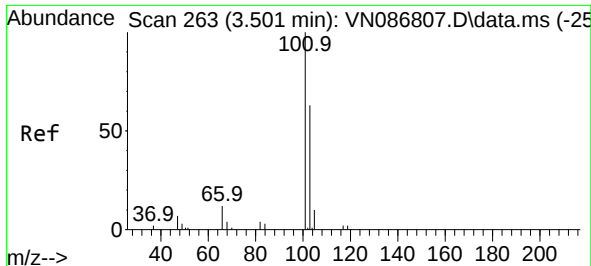
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#6
Chloroethane
Concen: 18.691 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.012 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

Tgt Ion: 64 Resp: 47982
Ion Ratio Lower Upper
64 100
66 31.4 27.5 41.3





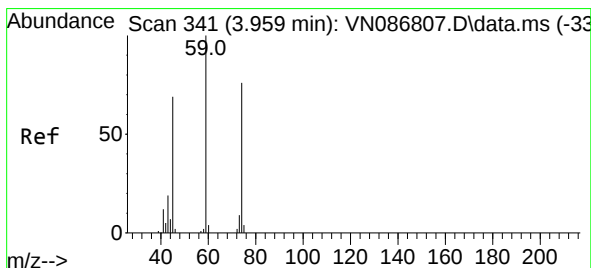
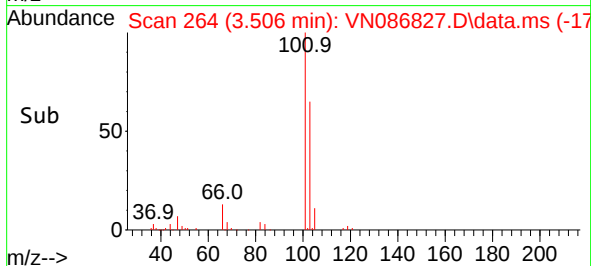
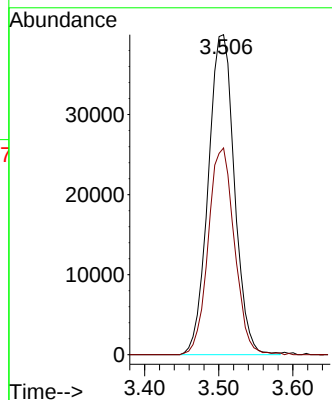
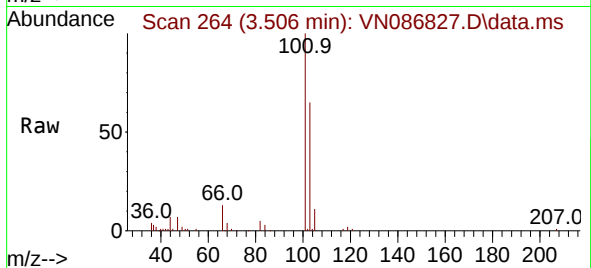
#7
Trichlorofluoromethane
Concen: 19.979 ug/l
RT: 3.506 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN086827.D
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Tgt Ion:101 Resp: 9821
Ion Ratio Lower Upper
101 100
103 64.6 50.0 75.0

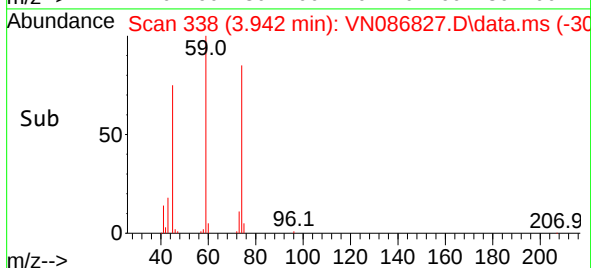
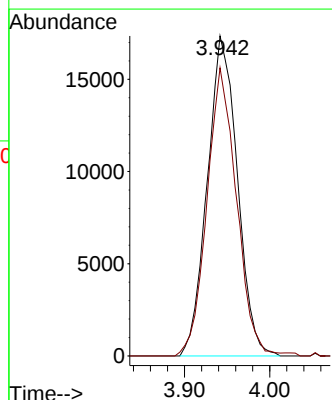
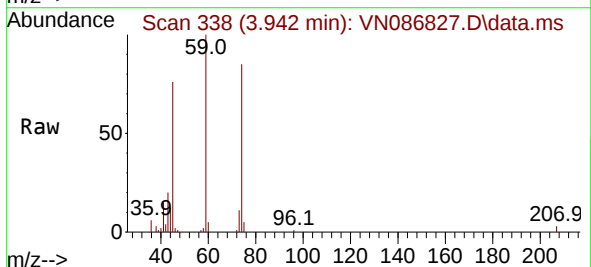
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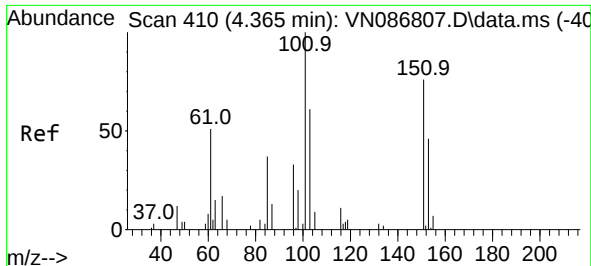
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#8
Diethyl Ether
Concen: 20.762 ug/l
RT: 3.942 min Scan# 338
Delta R.T. -0.018 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

Tgt Ion: 74 Resp: 42574
Ion Ratio Lower Upper
74 100
45 88.2 17.9 161.5





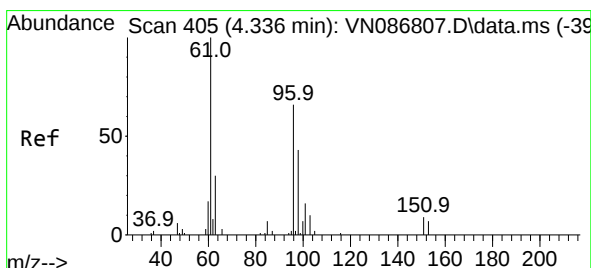
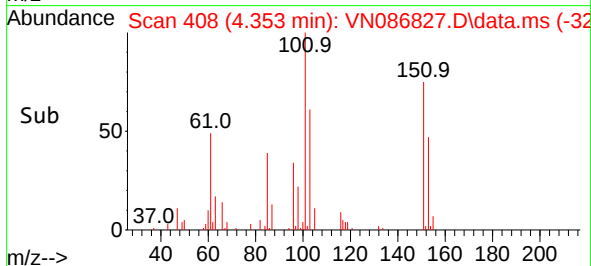
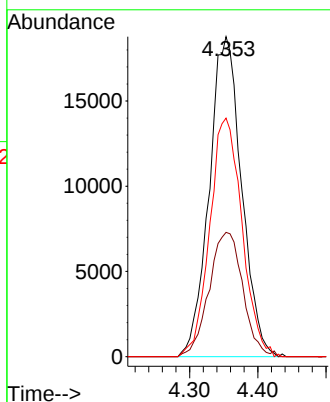
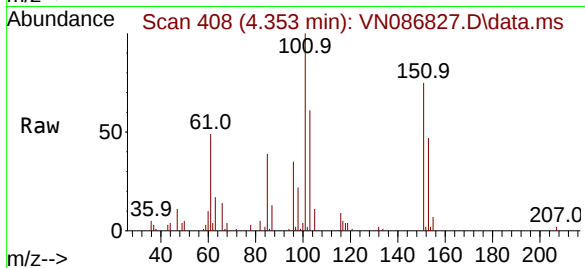
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1,1,2-Trichlorotrifluoroethane
Concen: 20.536 ug/l
RT: 4.353 min Scan# 408
Delta R.T. -0.012 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

Instrument :
MSVOA_N
ClientSampleId :
VN0530WBS01

Tgt Ion:101 Resp: 6186
Ion Ratio Lower Upper
101 100
85 40.4 0.0 83.2
151 74.3 0.0 145.6

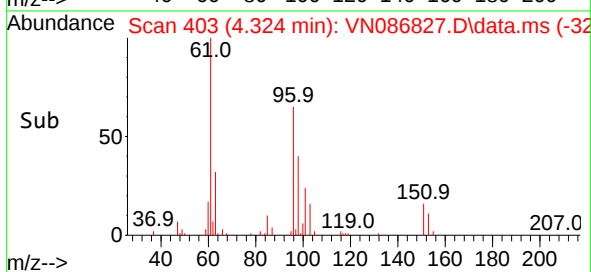
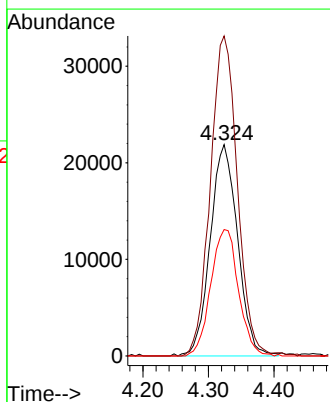
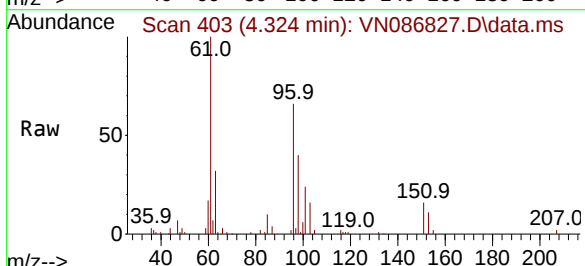
Manual Integrations
APPROVED

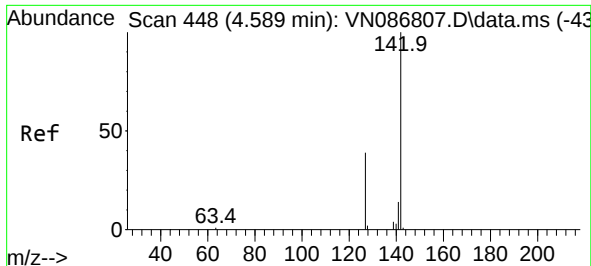
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#10
1,1-Dichloroethene
Concen: 20.675 ug/l
RT: 4.324 min Scan# 403
Delta R.T. -0.012 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

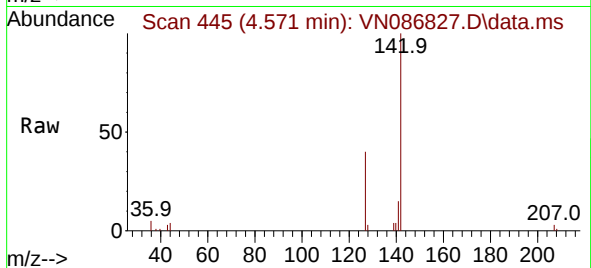
Tgt Ion: 96 Resp: 63503
Ion Ratio Lower Upper
96 100
61 151.4 121.7 182.5
98 59.8 51.9 77.9





#11
Methyl Iodide
Concen: 12.380 ug/l
RT: 4.571 min Scan# 448
Delta R.T. -0.018 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

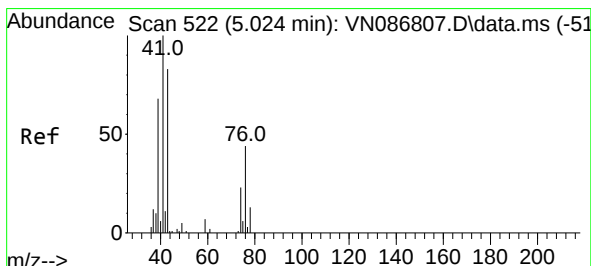
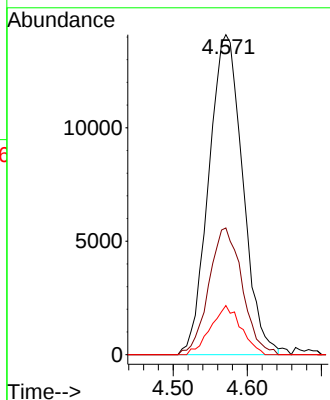
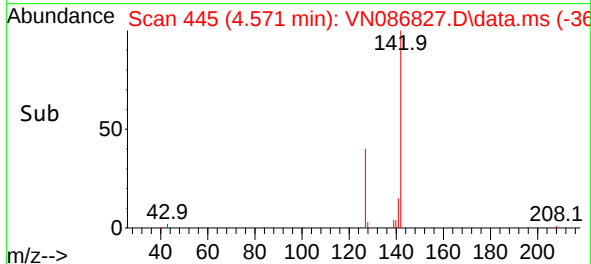
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBS01



Tgt Ion:142 Resp: 44820
Ion Ratio Lower Upper
142 100
127 40.0 19.5 58.5
141 15.5 7.1 21.4

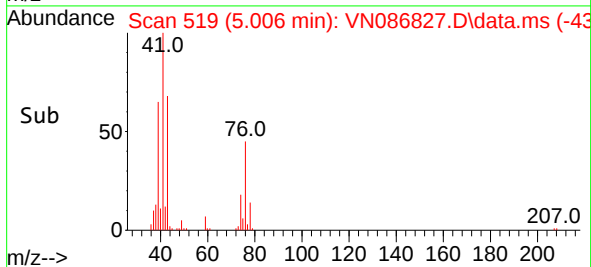
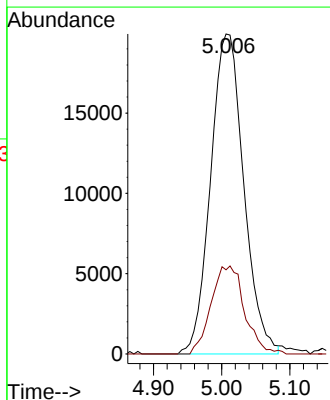
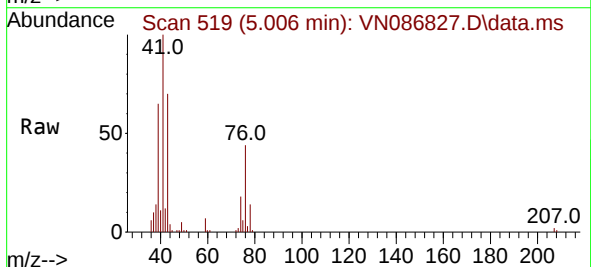
Manual Integrations
APPROVED

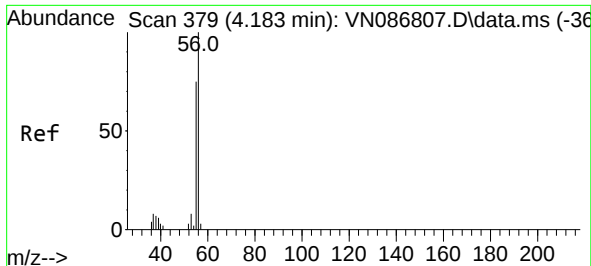
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#12
Methyl Acetate
Concen: 19.768 ug/l
RT: 5.006 min Scan# 519
Delta R.T. -0.018 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

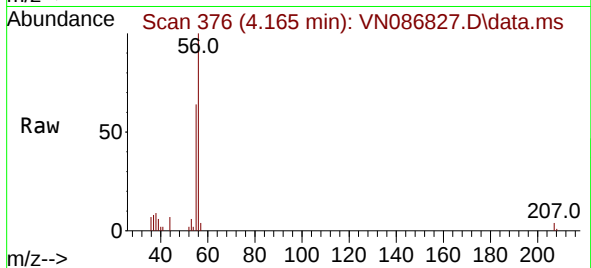
Tgt Ion: 43 Resp: 67430
Ion Ratio Lower Upper
43 100
74 26.1 22.7 34.1





#13
Acrolein
Concen: 122.739 ug/l
RT: 4.165 min Scan# 31
Delta R.T. -0.018 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

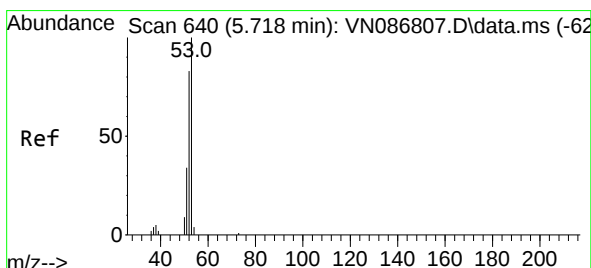
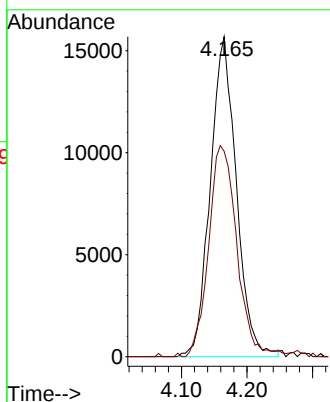
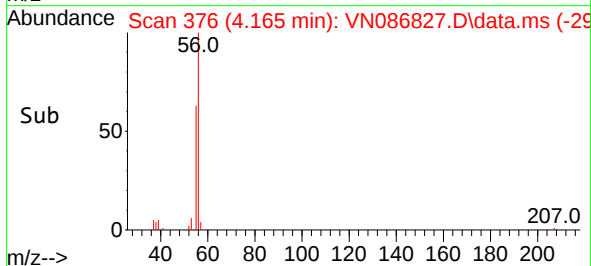
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBS01



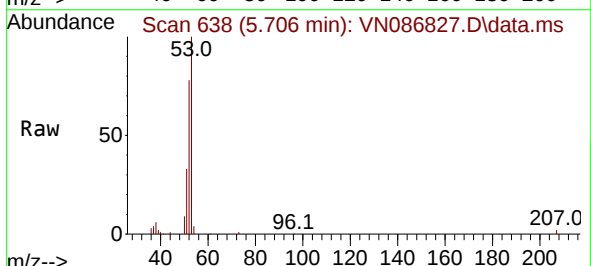
Tgt Ion: 56 Resp: 4325
Ion Ratio Lower Upper
56 100
55 70.2 55.9 83.9

Manual Integrations
APPROVED

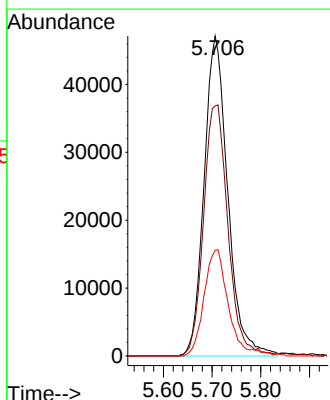
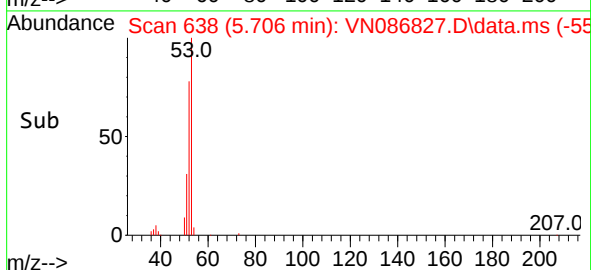
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

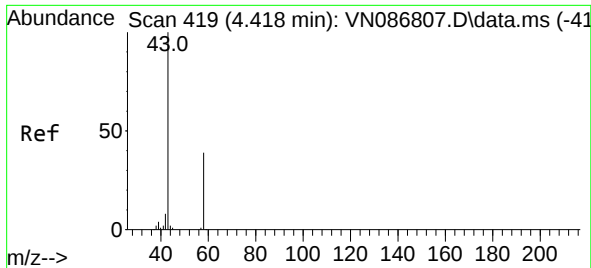


#14
Acrylonitrile
Concen: 100.147 ug/l
RT: 5.706 min Scan# 638
Delta R.T. -0.012 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51



Tgt Ion: 53 Resp: 158967
Ion Ratio Lower Upper
53 100
52 79.8 40.0 119.9
51 32.9 17.5 52.6





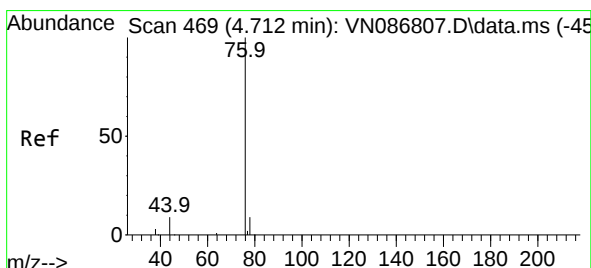
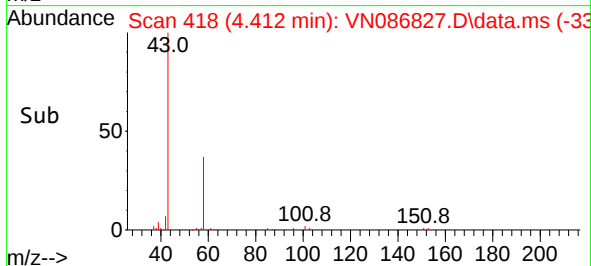
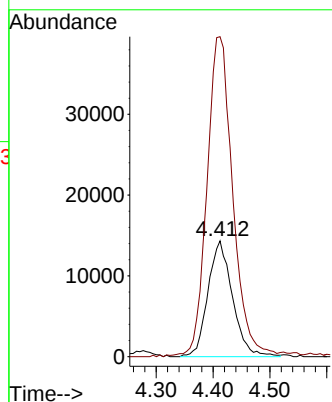
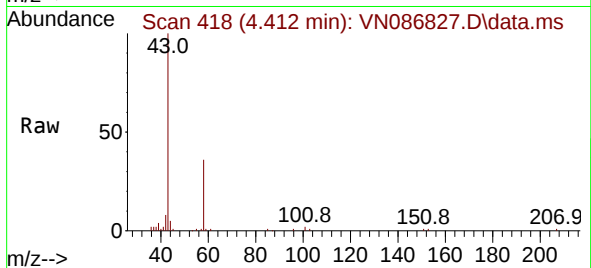
#15
Acetone
Concen: 107.045 ug/l
RT: 4.412 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

Instrument :
MSVOA_N
ClientSampleId :
VN0530WBS01

Tgt Ion: 58 Resp: 4302
Ion Ratio Lower Upper
58 100
43 273.6 207.7 311.5

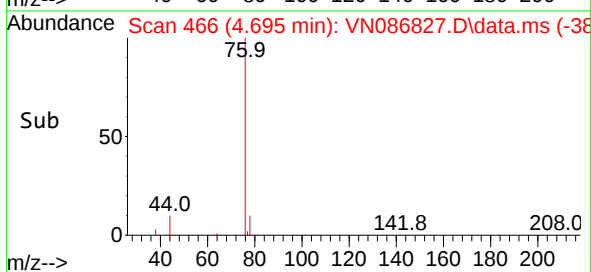
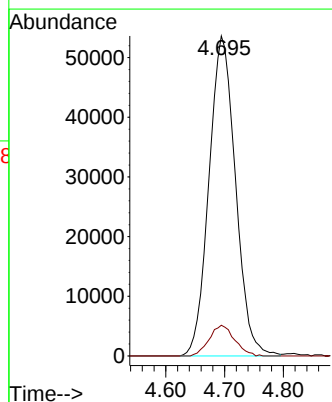
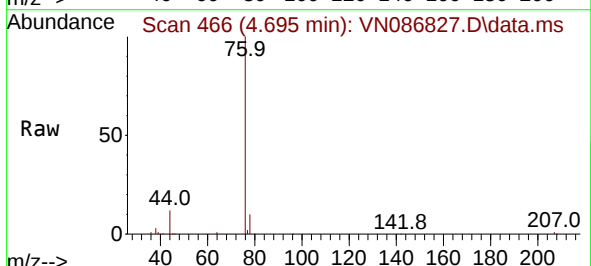
Manual Integrations
APPROVED

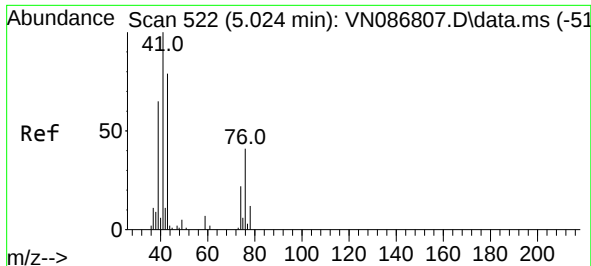
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#16
Carbon Disulfide
Concen: 18.765 ug/l
RT: 4.695 min Scan# 466
Delta R.T. -0.018 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

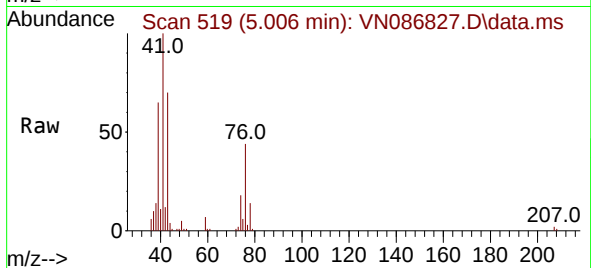
Tgt Ion: 76 Resp: 168241
Ion Ratio Lower Upper
76 100
78 9.6 7.2 10.8





#17
 Allyl chloride
 Concen: 20.750 ug/l
 RT: 5.006 min Scan# 519
 Delta R.T. -0.018 min
 Lab File: VN086827.D
 Acq: 30 May 2025 11:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0530WBS01

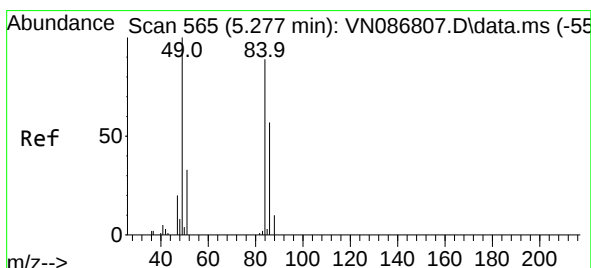
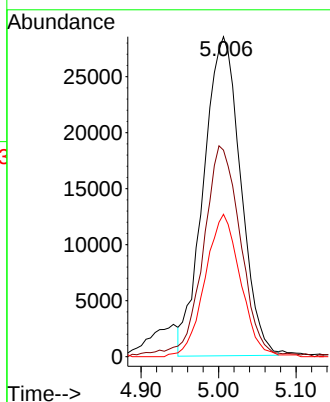
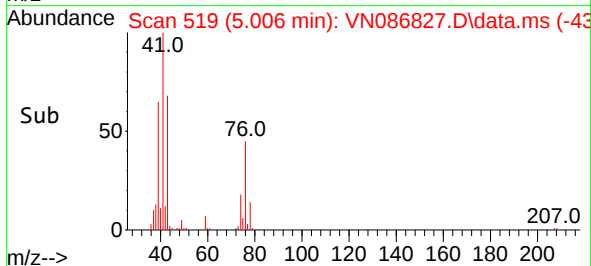


Tgt Ion: 41 Resp: 9468

Ion	Ratio	Lower	Upper
41	100		
39	64.4	31.6	94.8
76	44.6	20.1	60.2

Manual Integrations
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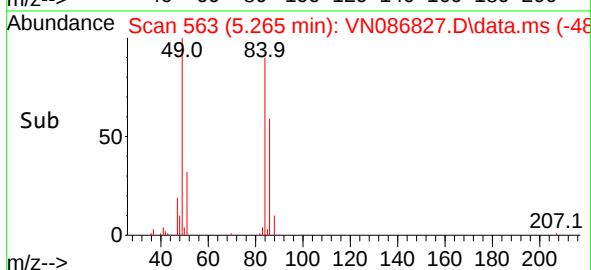
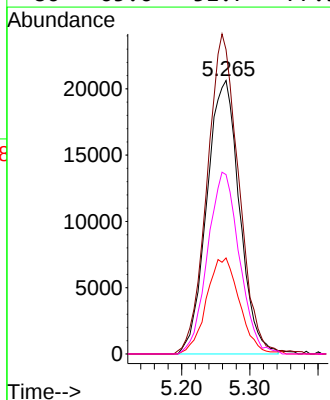
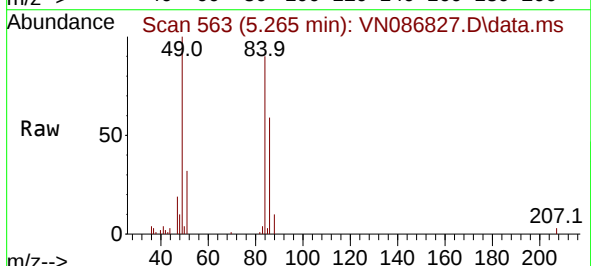
Reviewed By :John Carlone 06/02/2025
 Supervised By :Mahesh Dadoda 06/02/2025

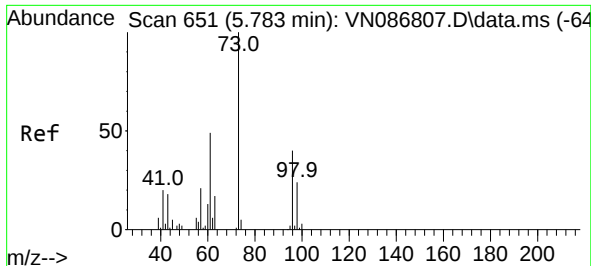


#18
 Methylene Chloride
 Concen: 19.246 ug/l
 RT: 5.265 min Scan# 563
 Delta R.T. -0.012 min
 Lab File: VN086827.D
 Acq: 30 May 2025 11:51

Tgt Ion: 84 Resp: 68651

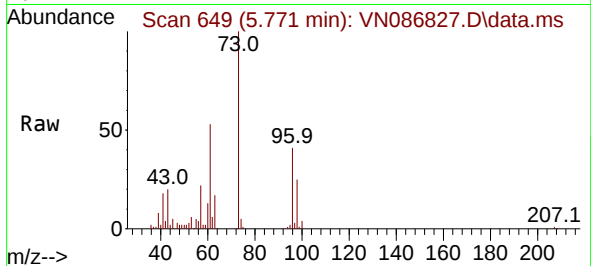
Ion	Ratio	Lower	Upper
84	100		
49	110.1	89.9	134.9
51	35.1	29.6	44.4
86	65.6	51.7	77.5





#19
trans-1,2-Dichloroethene
Concen: 20.033 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.012 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

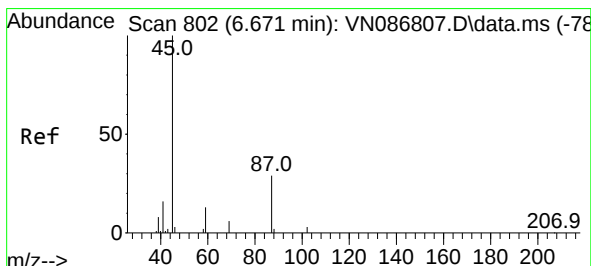
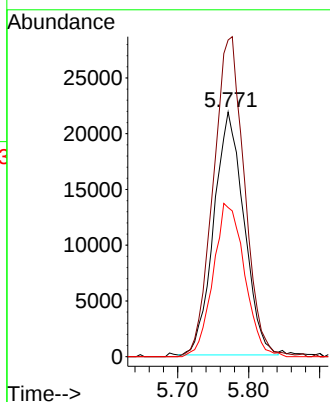
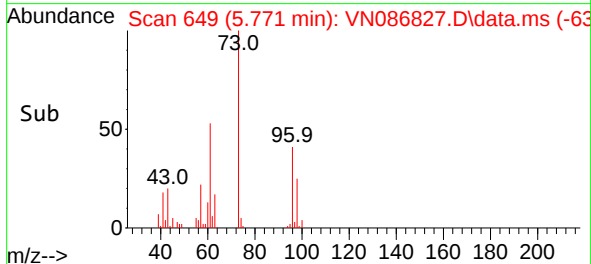
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBS01



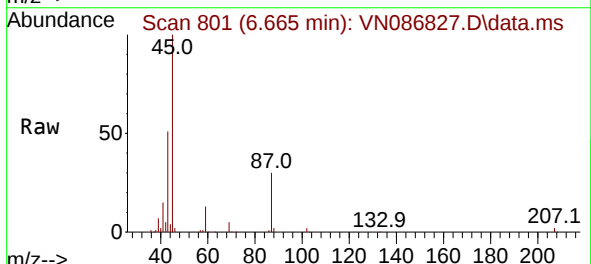
Tgt Ion: 96 Resp: 6439
Ion Ratio Lower Upper
96 100
61 130.3 98.9 148.3
98 61.4 49.0 73.4

Manual Integrations
APPROVED

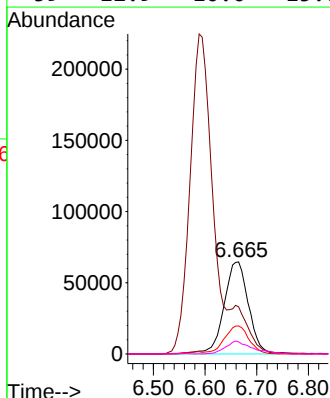
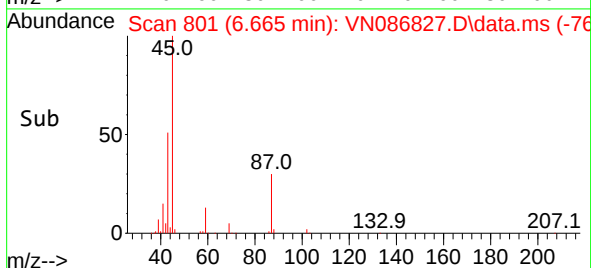
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

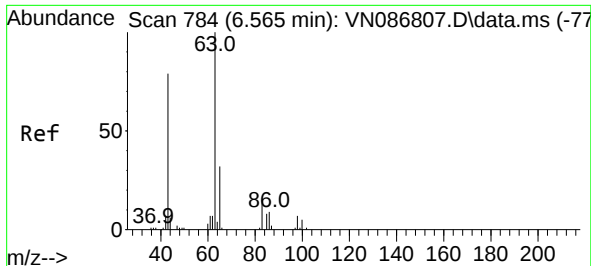


#20
Diisopropyl ether
Concen: 21.049 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51



Tgt Ion: 45 Resp: 211534
Ion Ratio Lower Upper
45 100
43 49.9 40.3 60.5
87 30.5 24.1 36.1
59 12.9 10.0 15.0





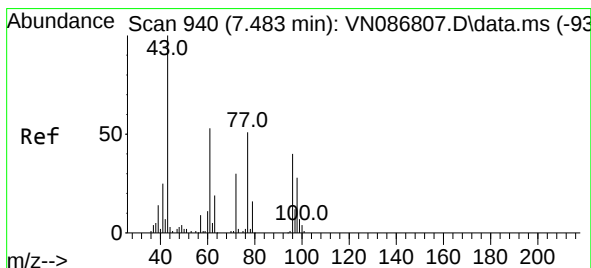
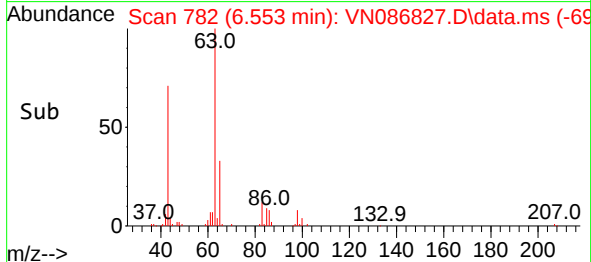
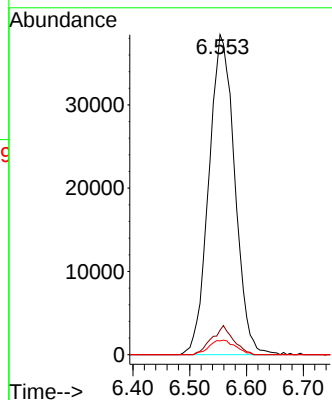
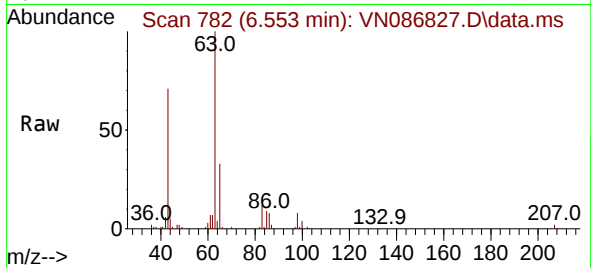
#21
1,1-Dichloroethane
Concen: 20.058 ug/l
RT: 6.553 min Scan# 71
Delta R.T. -0.012 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

Instrument :
MSVOA_N
ClientSampleId :
VN0530WBS01

Tgt Ion: 63 Resp: 121650
Ion Ratio Lower Upper
63 100
98 7.6 3.8 11.2
100 4.3 2.3 6.8

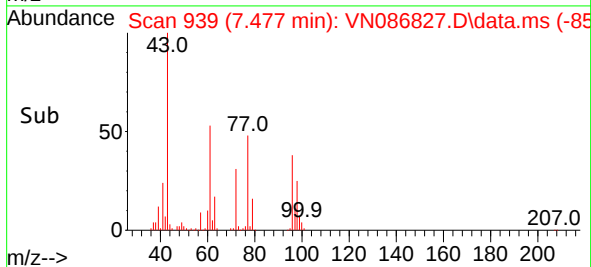
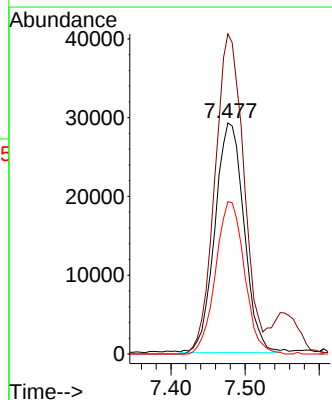
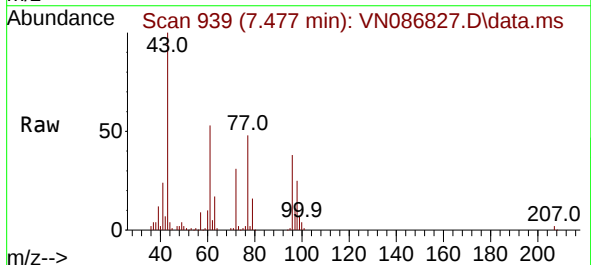
Manual Integrations
APPROVED

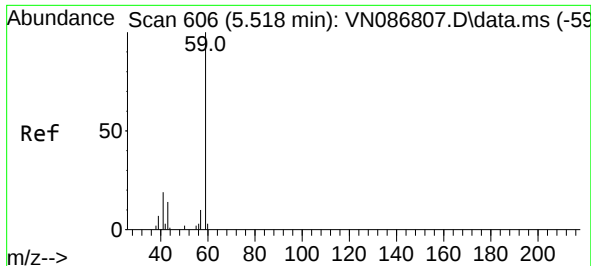
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#22
cis-1,2-Dichloroethene
Concen: 20.429 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.006 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

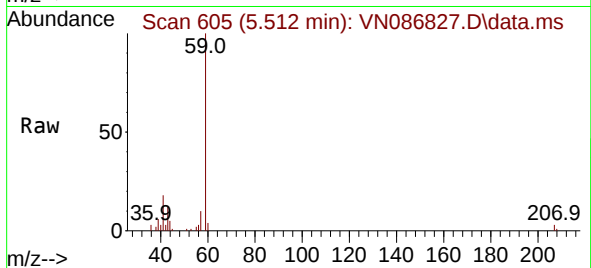
Tgt Ion: 96 Resp: 79520
Ion Ratio Lower Upper
96 100
61 138.0 110.7 166.1
98 65.5 51.8 77.8





#23
tert-Butyl Alcohol
Concen: 111.820 ug/l
RT: 5.512 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

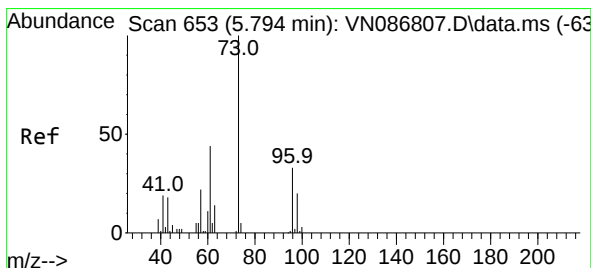
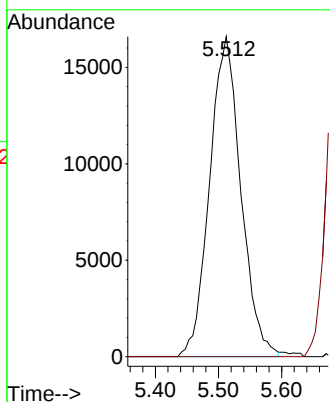
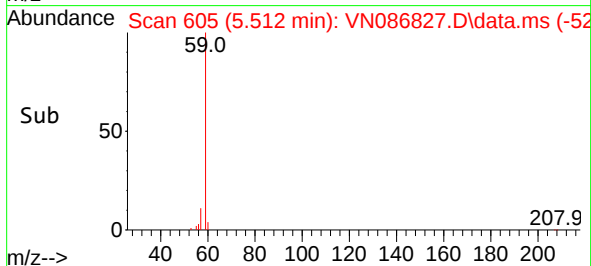
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBS01



Tgt Ion: 59 Resp: 56999
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

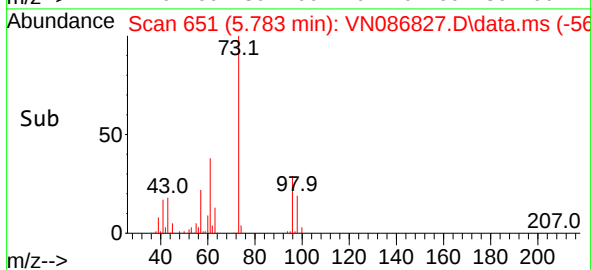
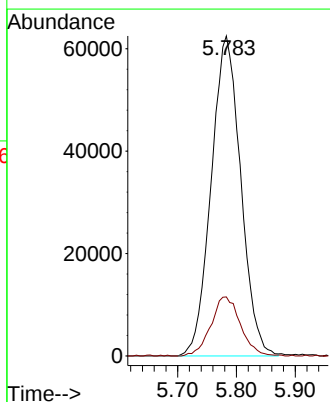
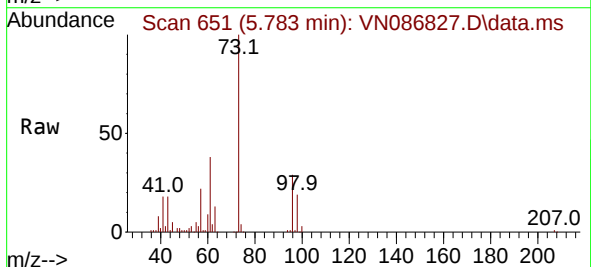
Manual Integrations
APPROVED

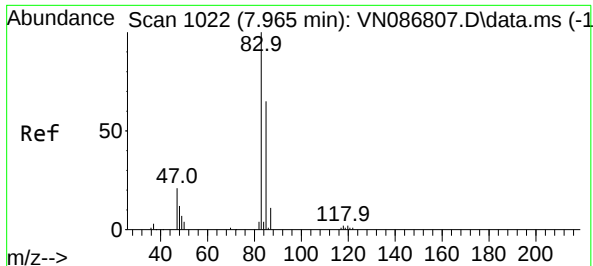
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#24
Methyl tert-Butyl Ether
Concen: 21.536 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.012 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

Tgt Ion: 73 Resp: 218000
Ion Ratio Lower Upper
73 100
43 18.4 14.6 22.0





#25

Chloroform

Concen: 20.024 ug/l

RT: 7.959 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VN086827.D

Acq: 30 May 2025 11:51

Instrument :

MSVOA_N

ClientSampleId :

VN0530WBS01

Tgt Ion: 83 Resp: 11865

Ion Ratio Lower Upper

83 100

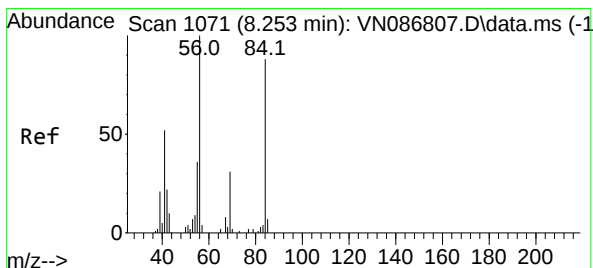
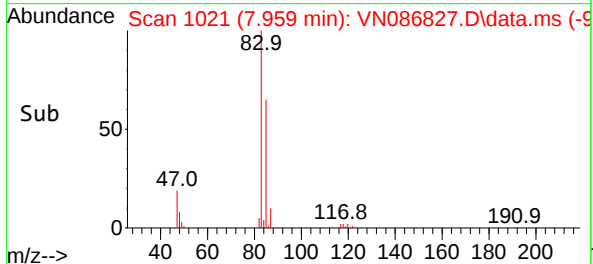
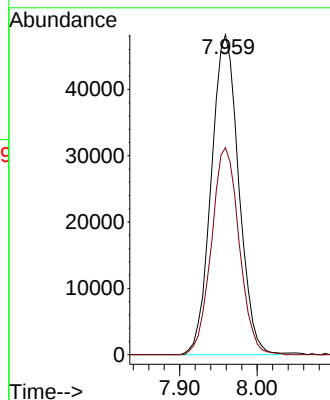
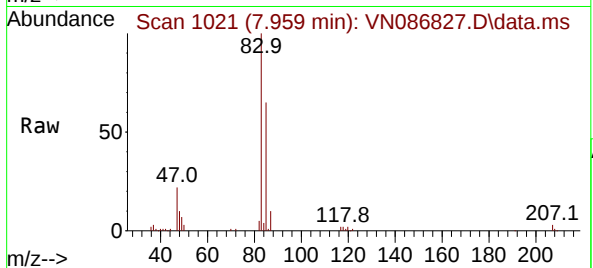
85 64.7 51.8 77.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2025

Supervised By :Mahesh Dadoda 06/02/2025



#26

Cyclohexane

Concen: 20.953 ug/l

RT: 8.247 min Scan# 1070

Delta R.T. -0.006 min

Lab File: VN086827.D

Acq: 30 May 2025 11:51

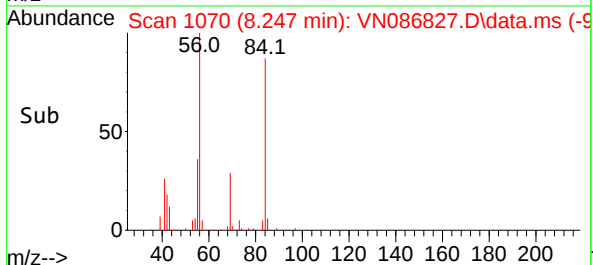
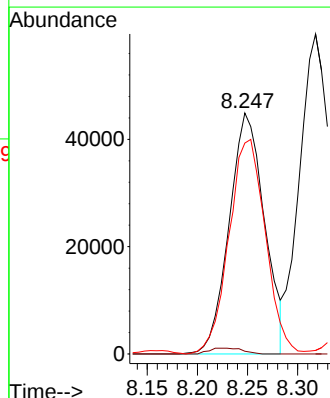
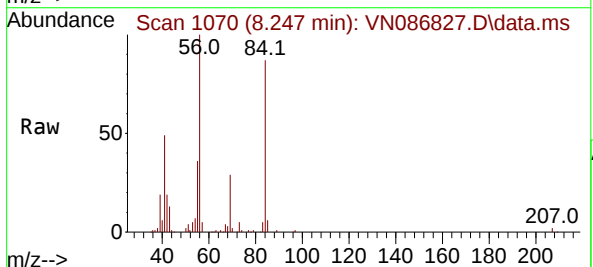
Tgt Ion: 56 Resp: 109983

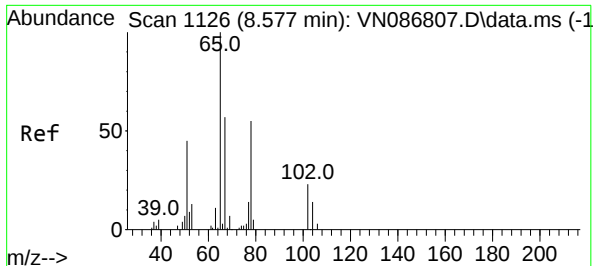
Ion Ratio Lower Upper

56 100

89 2.3 0.0 0.0#

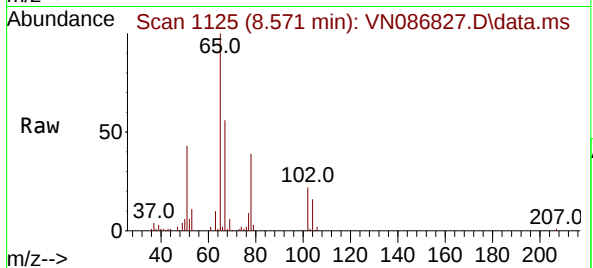
84 92.1 70.4 105.6





#27
1,2-Dichloroethane-d4
Concen: 32.327 ug/l
RT: 8.571 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

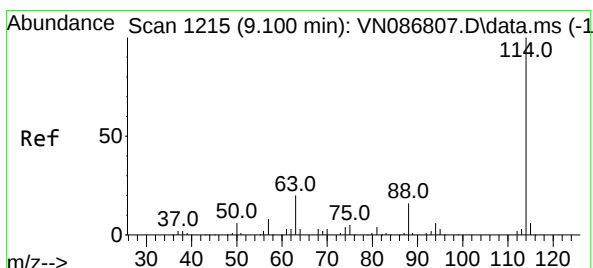
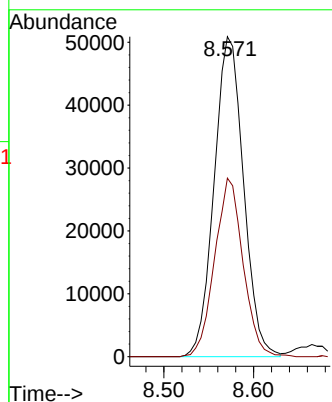
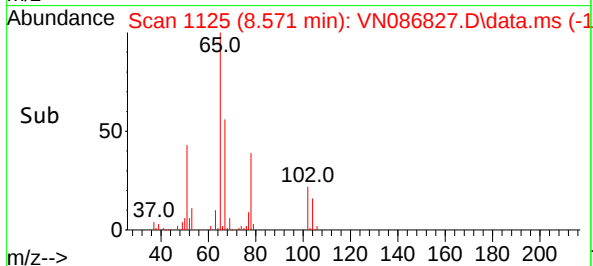
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBS01



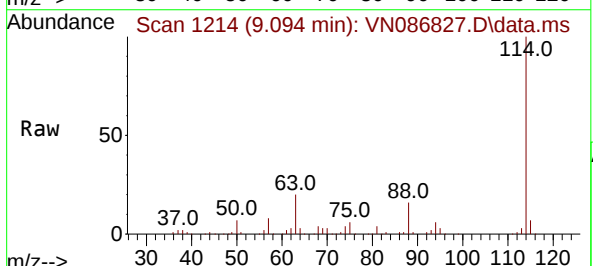
Tgt Ion: 65 Resp: 115678
Ion Ratio Lower Upper
65 100
67 53.8 44.6 67.0

Manual Integrations
APPROVED

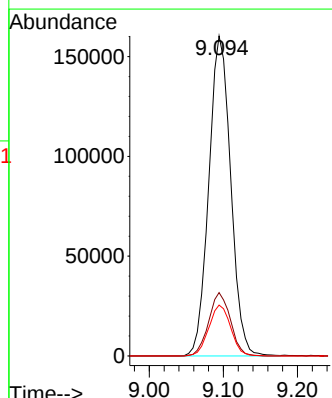
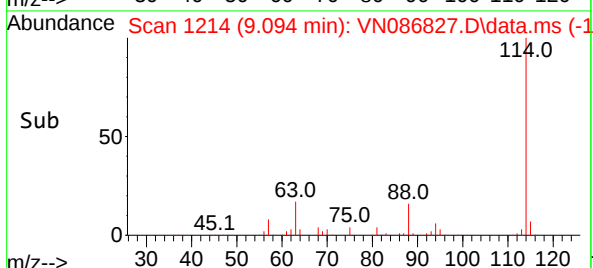
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

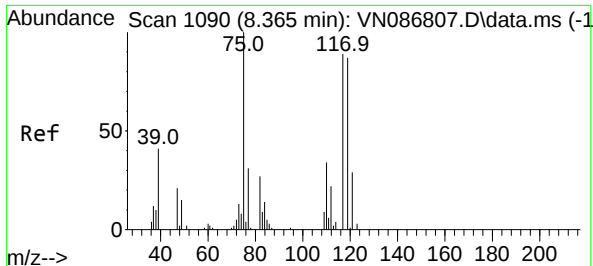


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.094 min Scan# 1214
Delta R.T. -0.006 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51



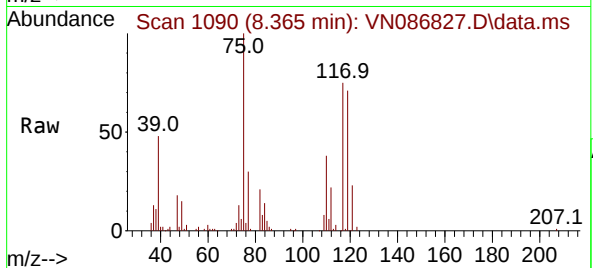
Tgt Ion:114 Resp: 329263
Ion Ratio Lower Upper
114 100
63 19.6 15.8 23.8
88 15.9 12.9 19.3





#29
1,1-Dichloropropene
Concen: 18.427 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

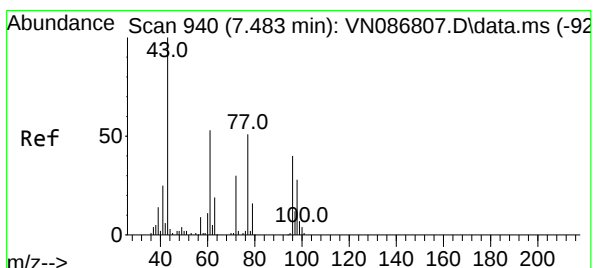
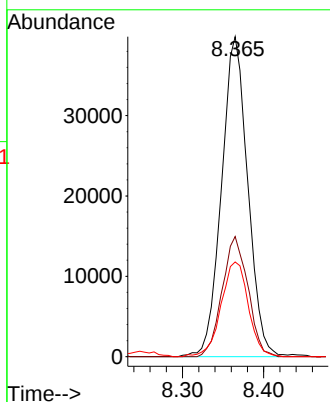
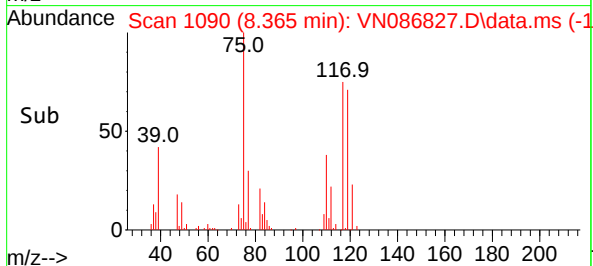
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBS01



Tgt Ion: 75 Resp: 89208
Ion Ratio Lower Upper
75 100
110 36.9 0.0 71.0
77 30.7 0.0 62.4

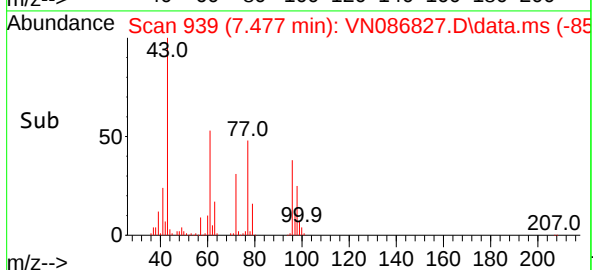
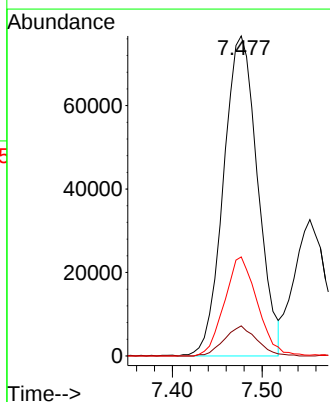
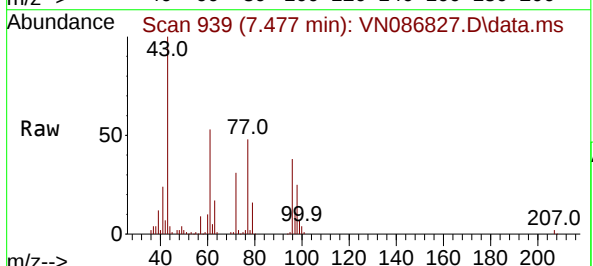
Manual Integrations
APPROVED

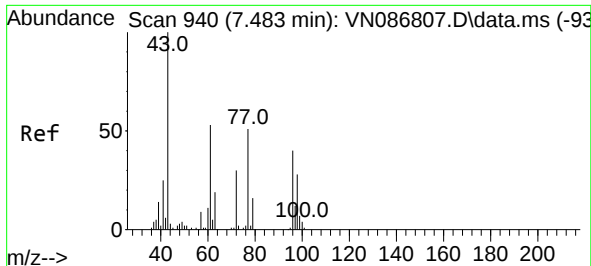
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#30
2-Butanone
Concen: 95.552 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.006 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

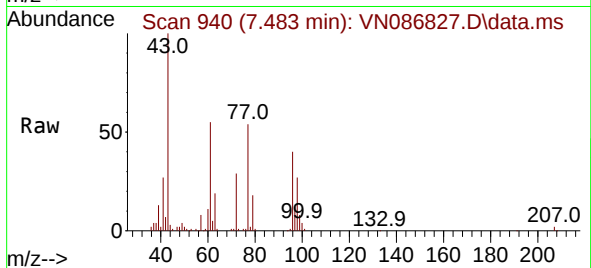
Tgt Ion: 43 Resp: 202680
Ion Ratio Lower Upper
43 100
57 8.9 6.8 10.2
72 29.8 23.4 35.0





#31
2,2-Dichloropropane
Concen: 19.298 ug/l m
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

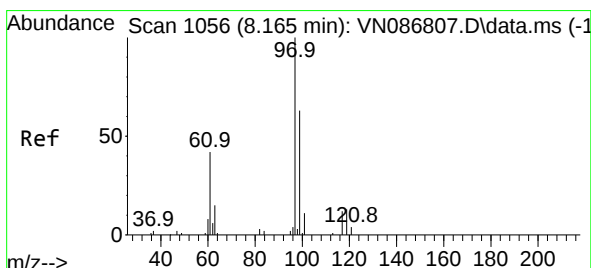
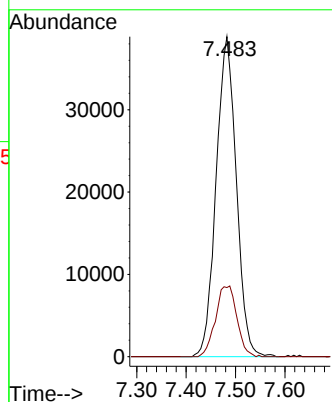
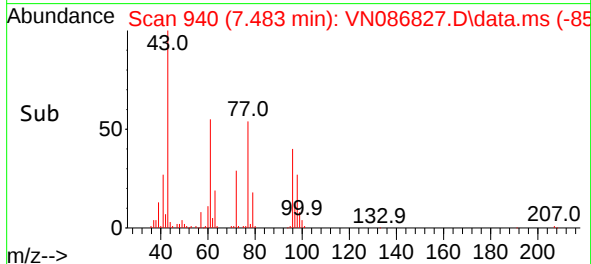
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBS01



Tgt Ion: 77 Resp: 110270
Ion Ratio Lower Upper
77 100
97 0.1 18.6 27.8

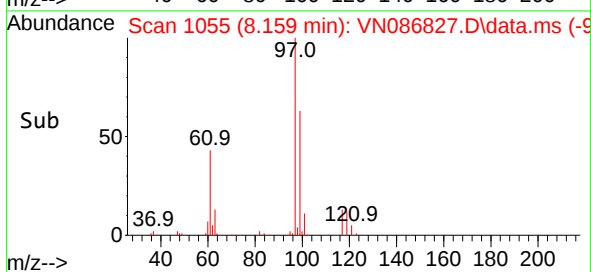
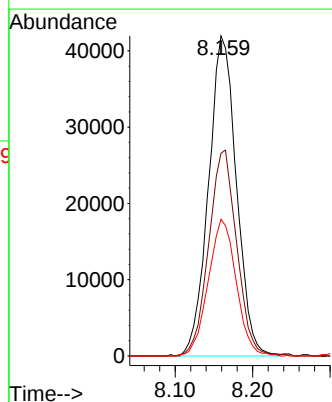
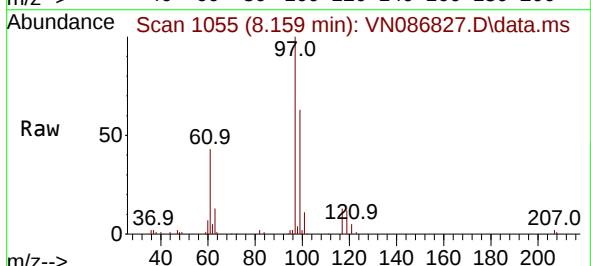
Manual Integrations
APPROVED

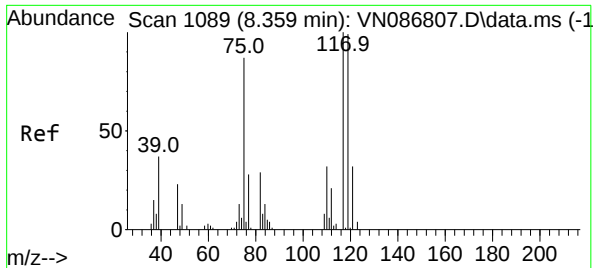
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#32
1,1,1-Trichloroethane
Concen: 18.703 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

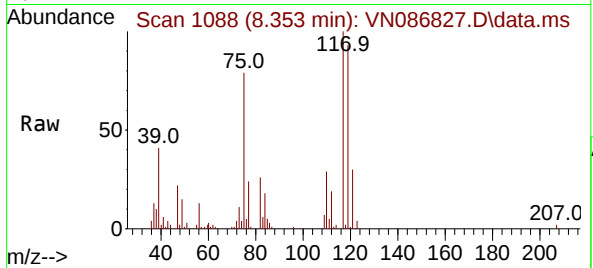
Tgt Ion: 97 Resp: 104957
Ion Ratio Lower Upper
97 100
99 64.4 51.7 77.5
61 42.8 35.4 53.2





#33
Carbon Tetrachloride
Concen: 18.454 ug/l
RT: 8.353 min Scan# 1107
Delta R.T. -0.006 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

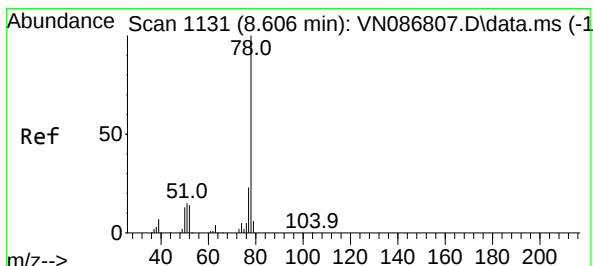
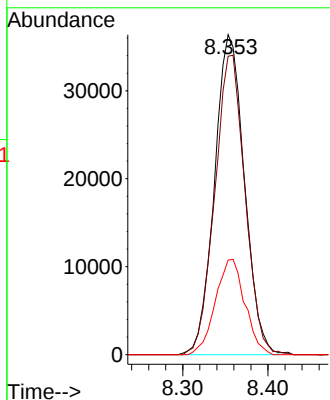
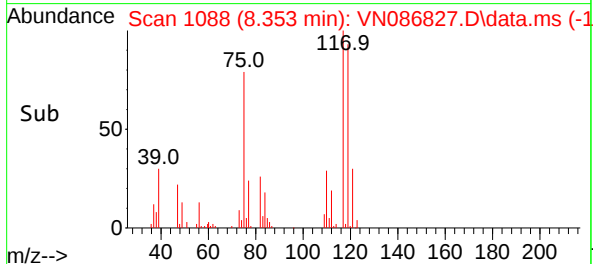
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBS01



Tgt Ion:117 Resp: 88520
Ion Ratio Lower Upper
117 100
119 93.2 79.2 118.8
121 29.5 25.6 38.4

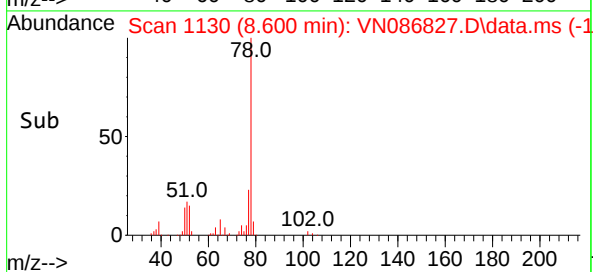
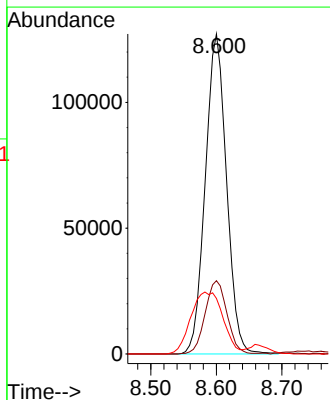
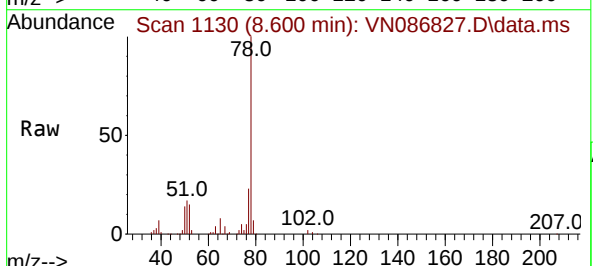
Manual Integrations
APPROVED

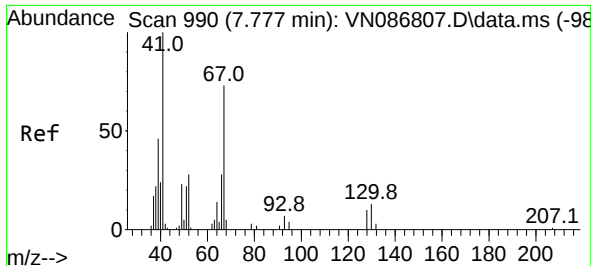
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#34
Benzene
Concen: 18.187 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

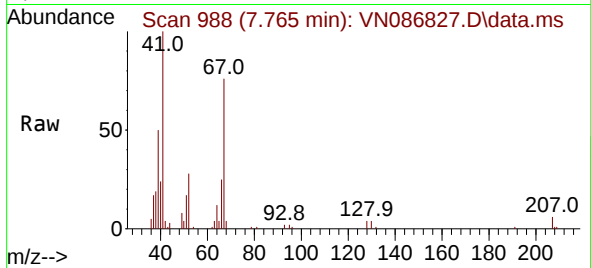
Tgt Ion: 78 Resp: 286473
Ion Ratio Lower Upper
78 100
77 22.9 18.2 27.2
51 16.9 11.9 17.9





#35
Methacrylonitrile
Concen: 19.462 ug/l
RT: 7.765 min Scan# 911
Delta R.T. -0.012 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

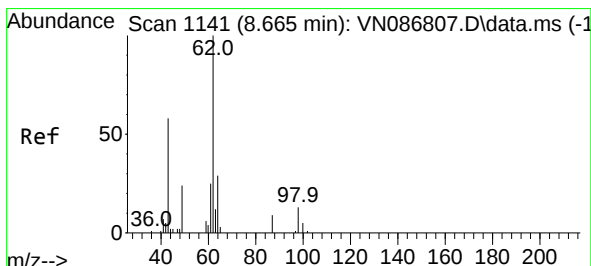
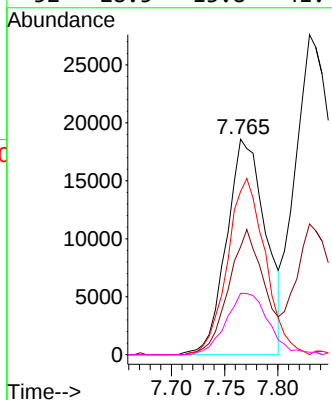
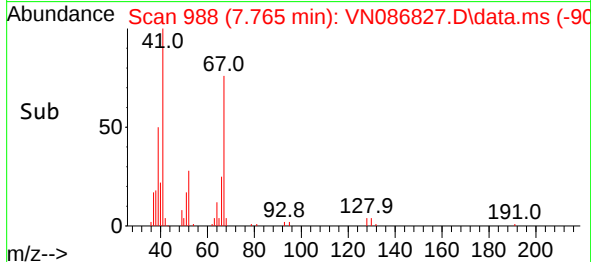
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBS01



Tgt Ion: 41 Resp: 4742
Ion Ratio Lower Upper
41 100
39 50.0 23.2 69.6
67 75.7 36.5 109.7
52 28.5 13.8 41.4

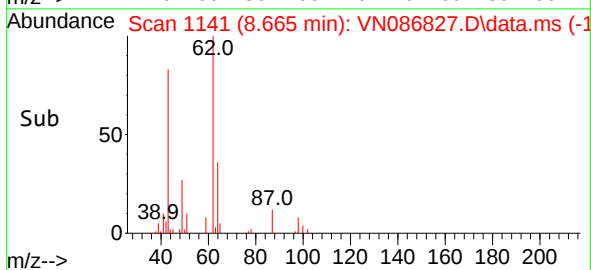
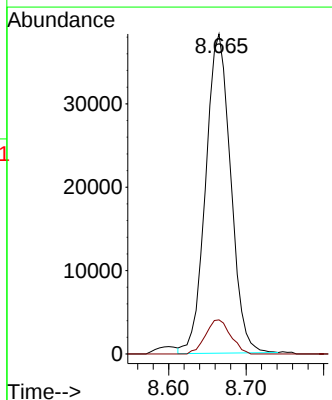
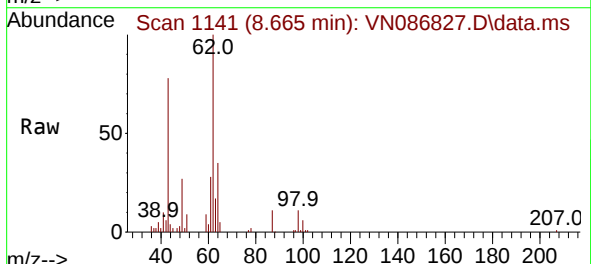
Manual Integrations
APPROVED

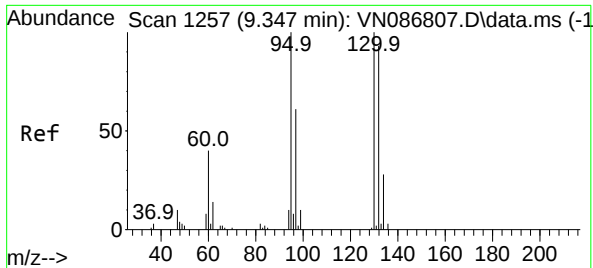
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#36
1,2-Dichloroethane
Concen: 18.601 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

Tgt Ion: 62 Resp: 85856
Ion Ratio Lower Upper
62 100
98 10.7 8.5 12.7





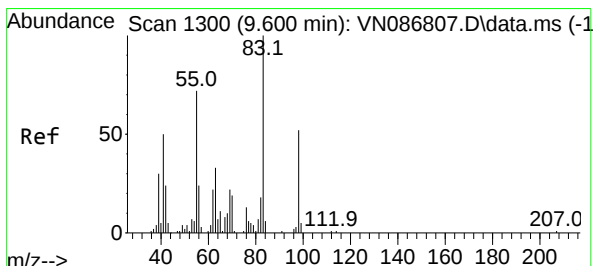
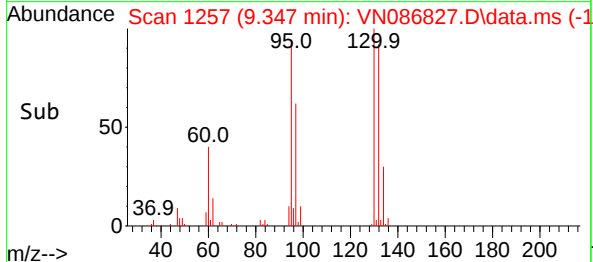
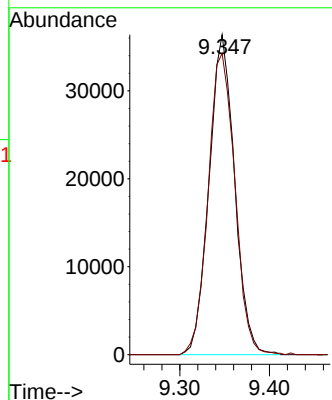
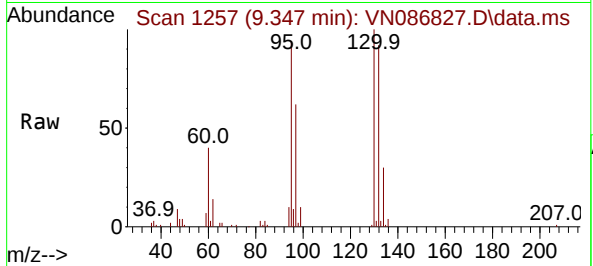
#37
Trichloroethene
Concen: 16.452 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

Instrument :
MSVOA_N
ClientSampleId :
VN0530WBS01

Tgt Ion:130 Resp: 7188
Ion Ratio Lower Upper
130 100
95 94.2 80.3 120.5

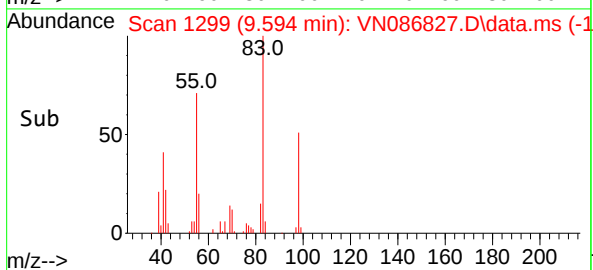
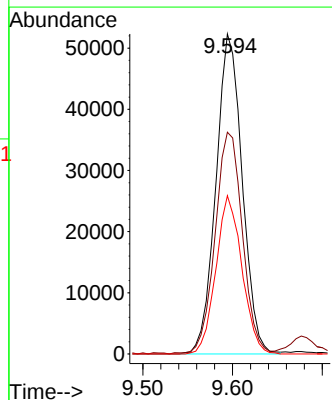
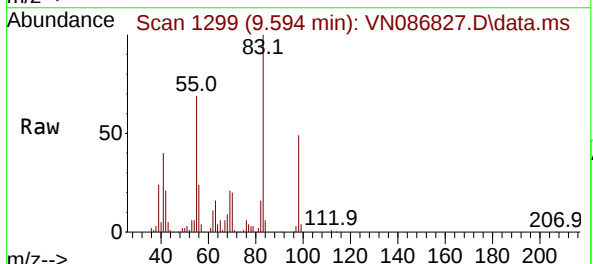
Manual Integrations
APPROVED

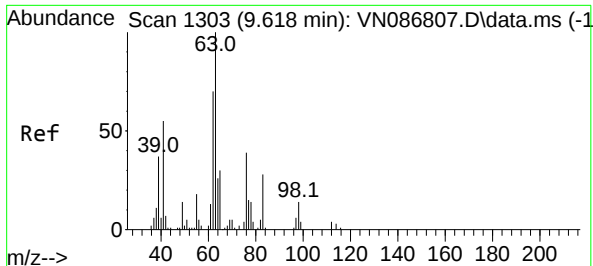
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#38
Methylcyclohexane
Concen: 19.834 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

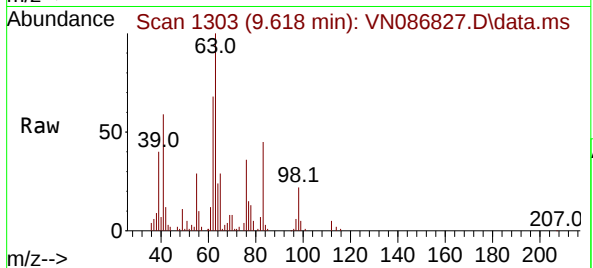
Tgt Ion: 83 Resp: 106534
Ion Ratio Lower Upper
83 100
55 71.4 37.4 112.1
98 48.9 24.6 73.6





#39
1,2-Dichloropropane
Concen: 18.424 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

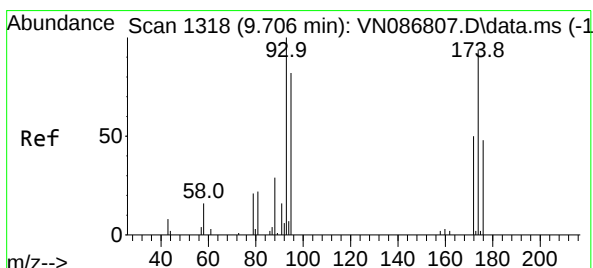
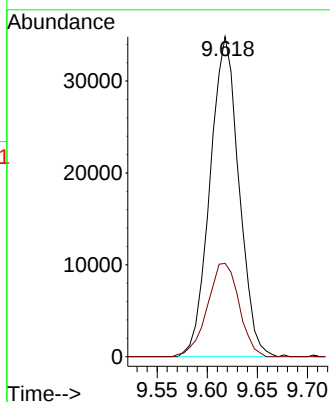
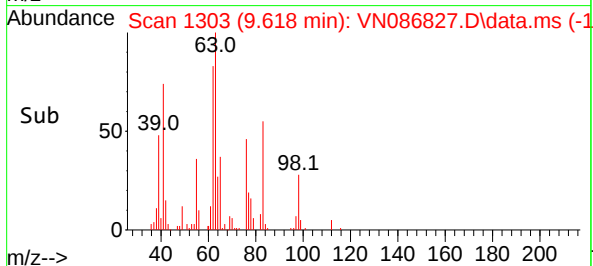
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBS01



Tgt Ion: 63 Resp: 69860
Ion Ratio Lower Upper
63 100
65 29.1 24.2 36.4

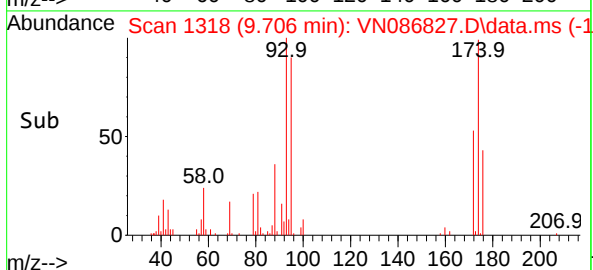
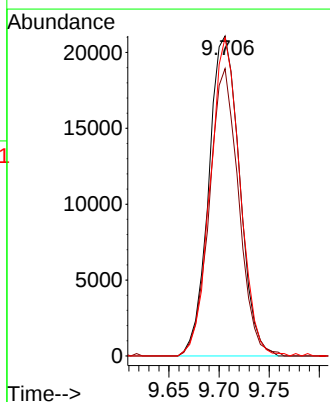
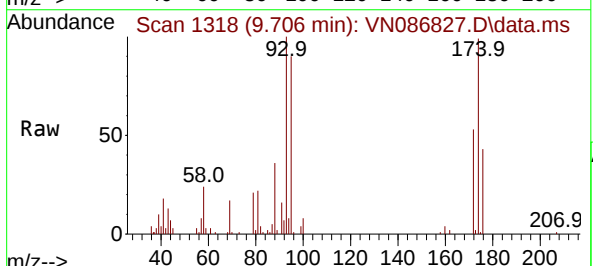
Manual Integrations
APPROVED

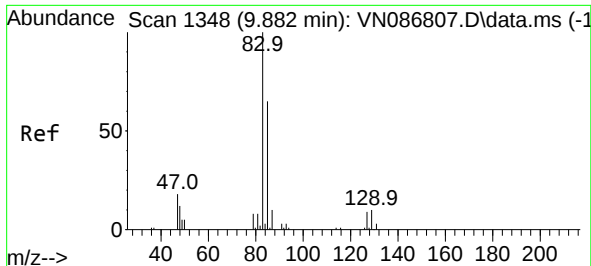
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#40
Dibromomethane
Concen: 18.147 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

Tgt Ion: 93 Resp: 45009
Ion Ratio Lower Upper
93 100
95 85.7 0.0 166.4
174 95.5 0.0 181.8





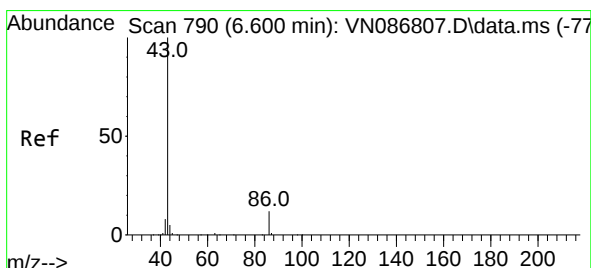
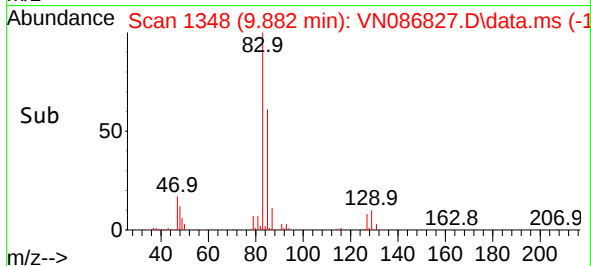
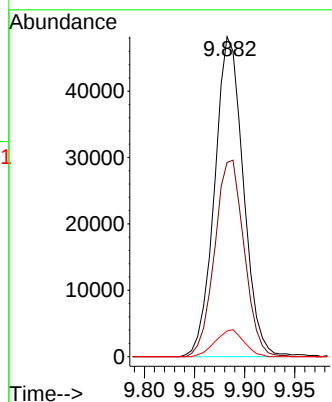
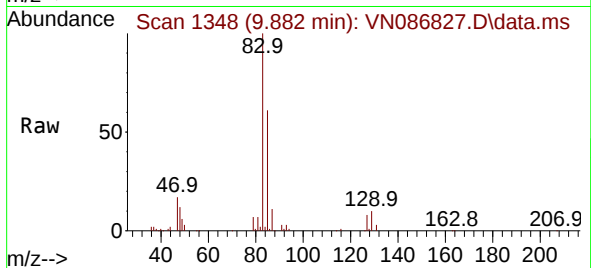
#41
Bromodichloromethane
Concen: 18.476 ug/l
RT: 9.882 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

Instrument :
MSVOA_N
ClientSampleId :
VN0530WBS01

Tgt Ion: 83 Resp: 9592
Ion Ratio Lower Upper
83 100
85 60.7 51.8 77.8
127 8.0 6.8 10.2

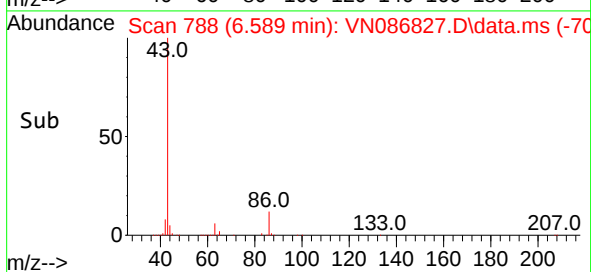
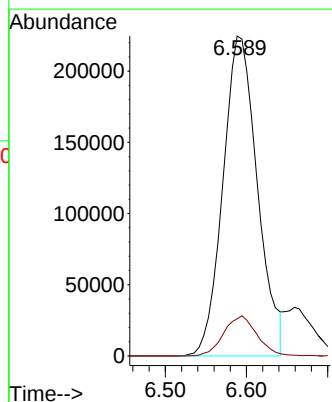
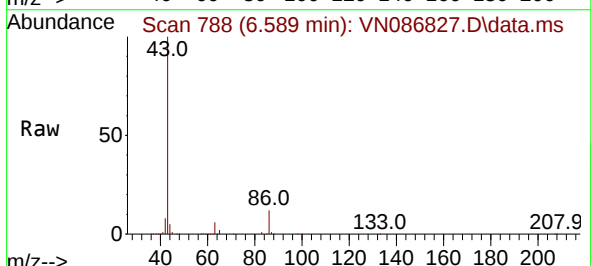
Manual Integrations
APPROVED

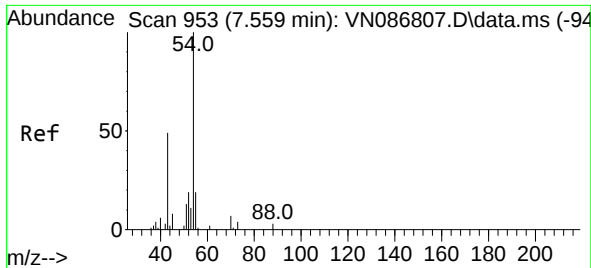
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#42
Vinyl Acetate
Concen: 107.336 ug/l
RT: 6.589 min Scan# 788
Delta R.T. -0.012 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

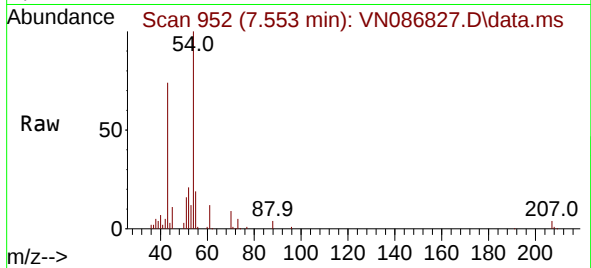
Tgt Ion: 43 Resp: 663647
Ion Ratio Lower Upper
43 100
86 12.1 9.5 14.3





#43
Ethyl Acetate
Concen: 19.767 ug/l
RT: 7.553 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

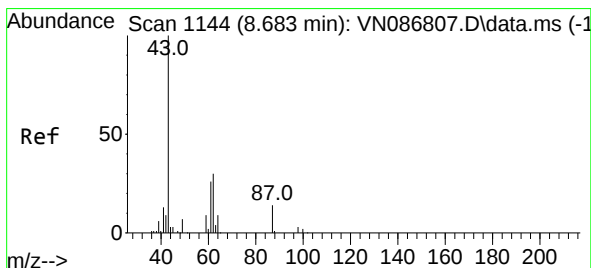
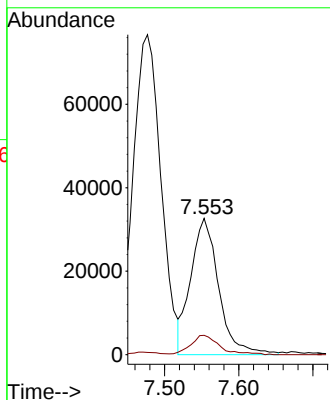
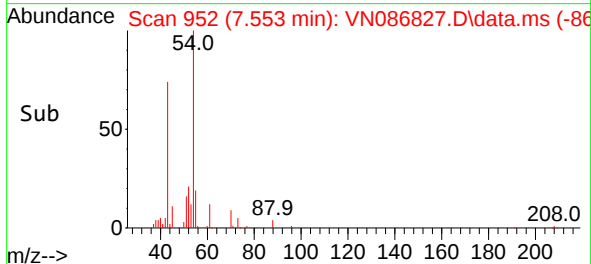
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBS01



Tgt Ion: 43 Resp: 85794
Ion Ratio Lower Upper
43 100
45 12.5 11.1 16.7

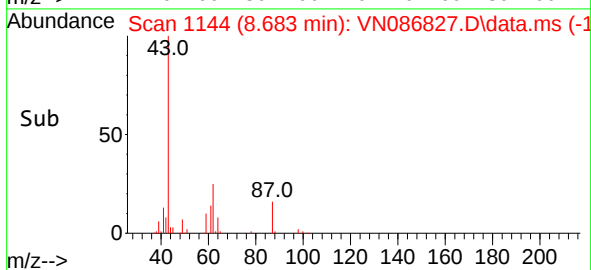
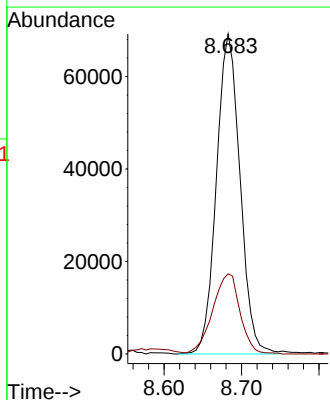
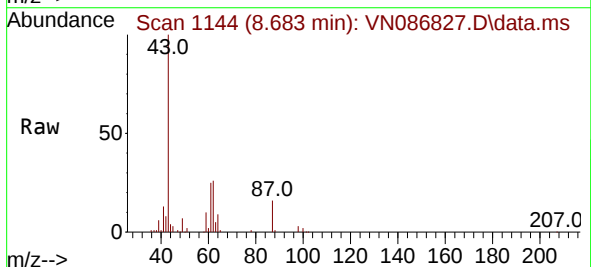
Manual Integrations
APPROVED

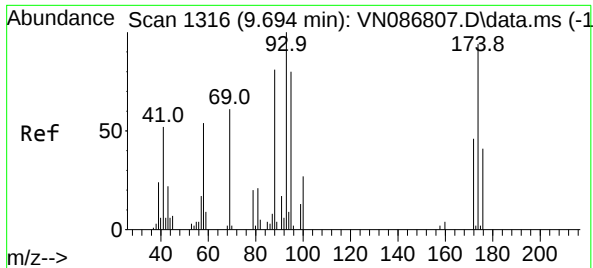
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#44
Isopropyl Acetate
Concen: 19.734 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

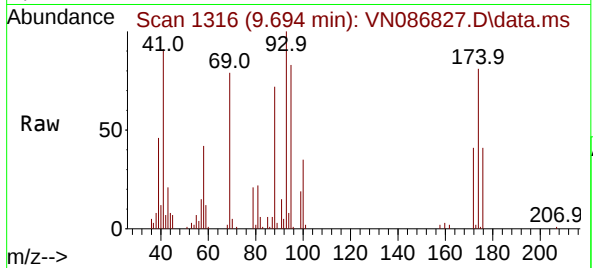
Tgt Ion: 43 Resp: 146930
Ion Ratio Lower Upper
43 100
61 29.0 23.8 35.6





#45
1,4-Dioxane
Concen: 373.781 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

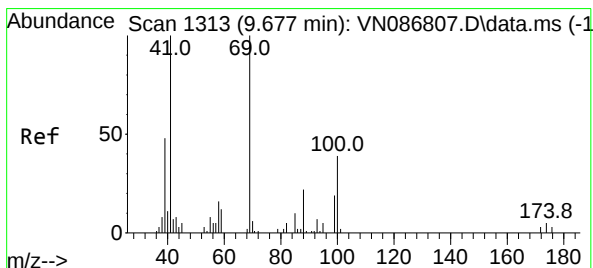
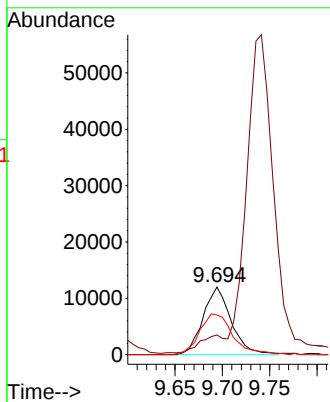
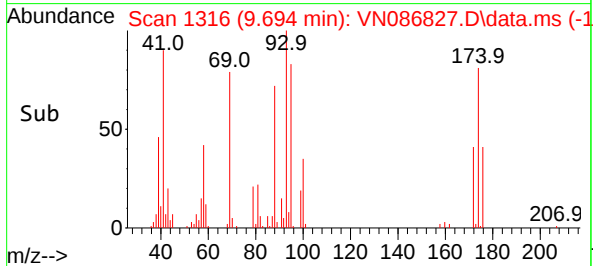
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBS01



Tgt Ion: 88 Resp: 24730
Ion Ratio Lower Upper
88 100
43 25.6 23.0 34.6
58 71.5 57.6 86.4

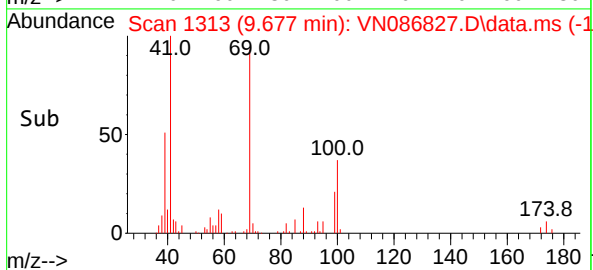
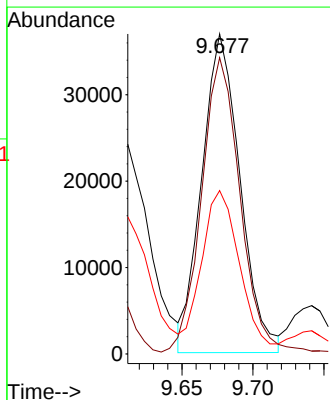
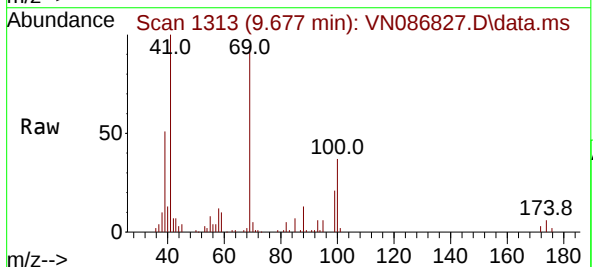
Manual Integrations
APPROVED

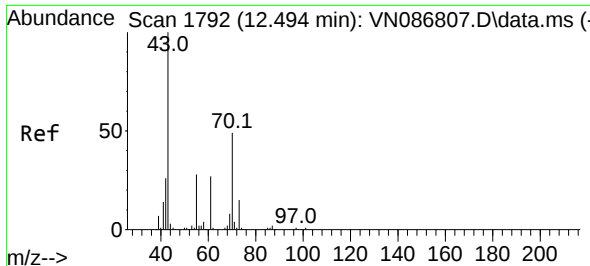
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#46
Methyl methacrylate
Concen: 20.078 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

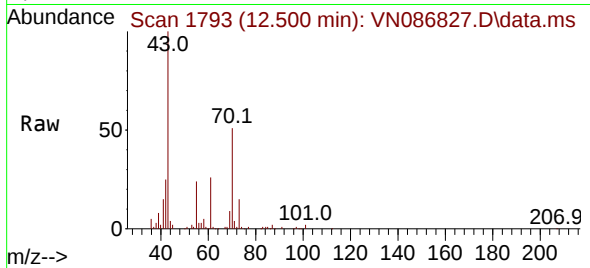
Tgt Ion: 41 Resp: 68930
Ion Ratio Lower Upper
41 100
69 94.9 48.0 144.2
39 50.7 23.8 71.2





#47
n-amy1 Acetate
Concen: 18.827 ug/l
RT: 12.500 min Scan# 112539
Delta R.T. 0.006 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

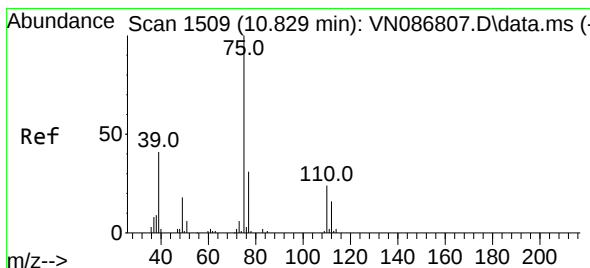
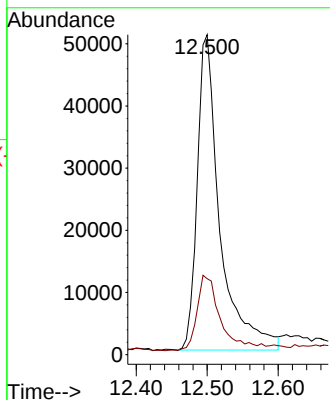
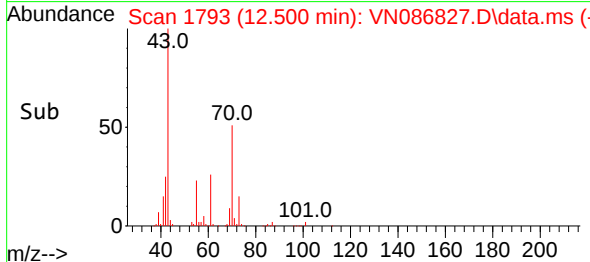
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBS01



Tgt Ion: 43 Resp: 112539
Ion Ratio Lower Upper
43 100
55 23.3 21.7 32.5

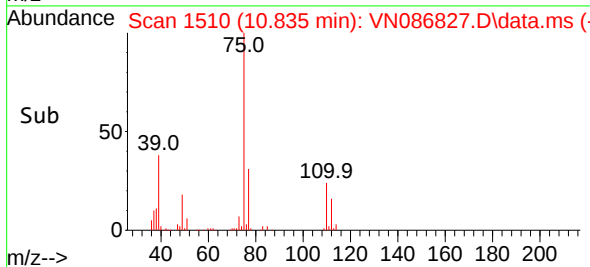
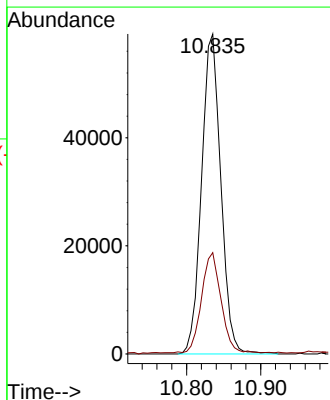
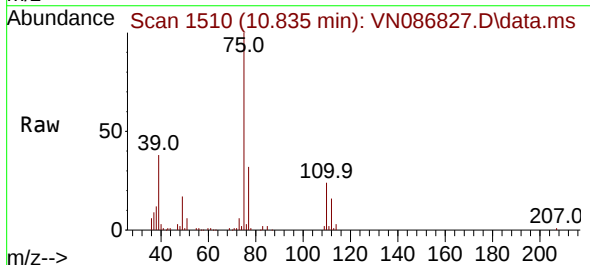
Manual Integrations
APPROVED

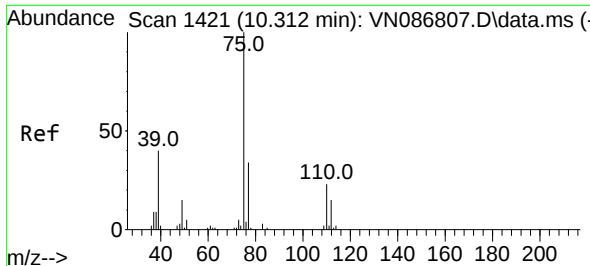
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#48
t-1,3-Dichloropropene
Concen: 19.279 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.006 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

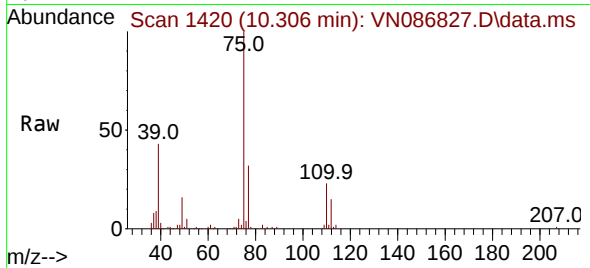
Tgt Ion: 75 Resp: 107113
Ion Ratio Lower Upper
75 100
77 31.1 25.1 37.7





#49
 cis-1,3-Dichloropropene
 Concen: 18.925 ug/l
 RT: 10.306 min Scan# 1420
 Delta R.T. -0.006 min
 Lab File: VN086827.D
 Acq: 30 May 2025 11:51

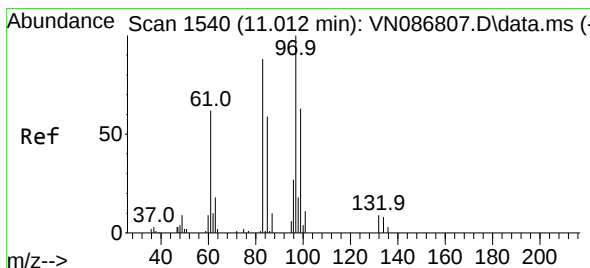
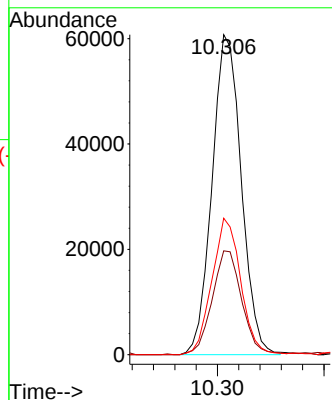
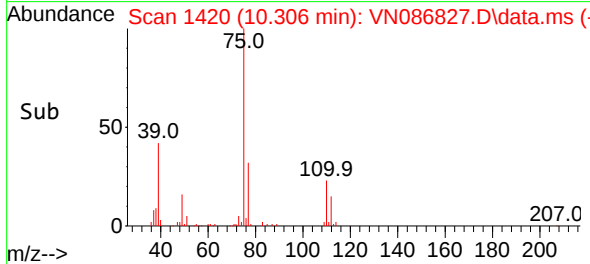
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0530WBS01



Tgt Ion: 75 Resp: 115649
 Ion Ratio Lower Upper
 75 100
 77 32.5 26.9 40.3
 39 42.6 31.8 47.6

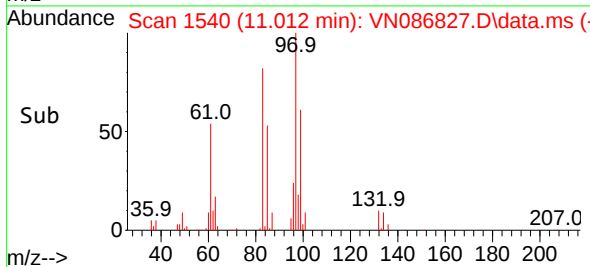
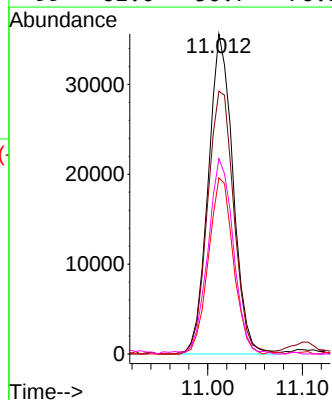
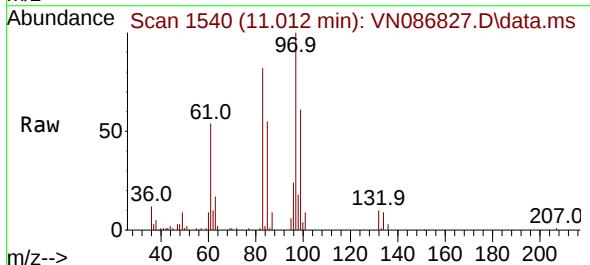
Manual Integrations
 APPROVED

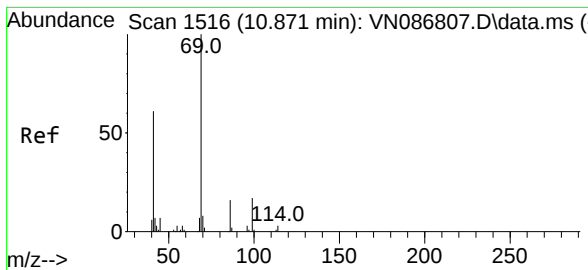
Reviewed By :John Carlone 06/02/2025
 Supervised By :Mahesh Dadoda 06/02/2025



#50
 1,1,2-Trichloroethane
 Concen: 18.538 ug/l
 RT: 11.012 min Scan# 1540
 Delta R.T. 0.000 min
 Lab File: VN086827.D
 Acq: 30 May 2025 11:51

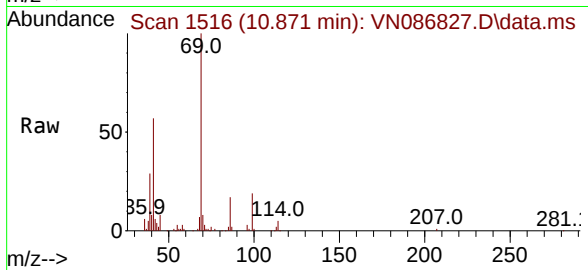
Tgt Ion: 97 Resp: 64757
 Ion Ratio Lower Upper
 97 100
 83 81.6 70.6 105.8
 85 55.1 46.8 70.2
 99 61.0 50.7 76.1





#51
Ethyl methacrylate
Concen: 19.240 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

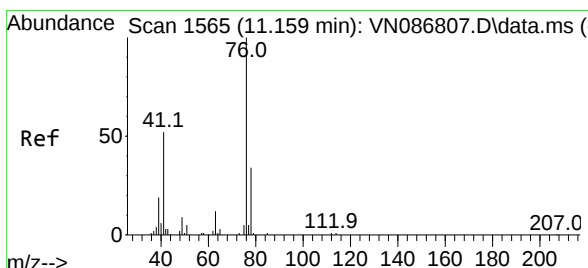
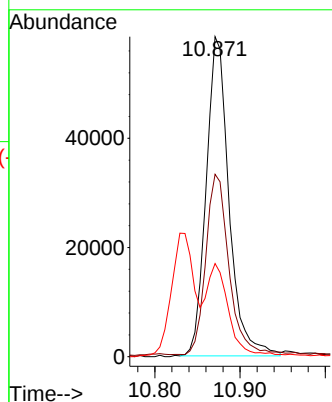
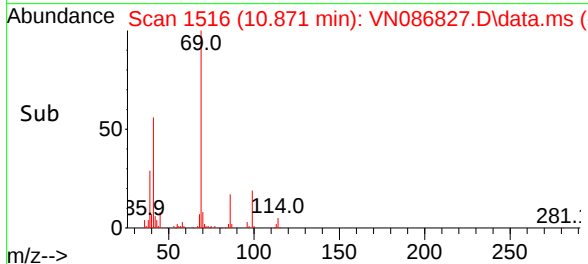
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBS01



Tgt Ion: 69 Resp: 10885
Ion Ratio Lower Upper
69 100
41 56.4 30.5 91.5
39 28.5 14.3 42.9

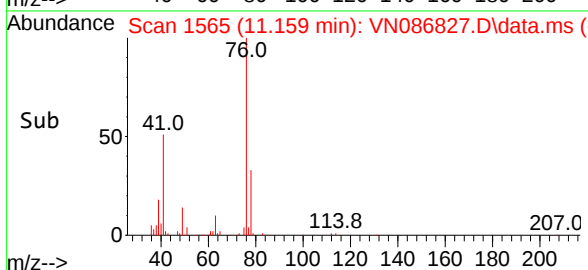
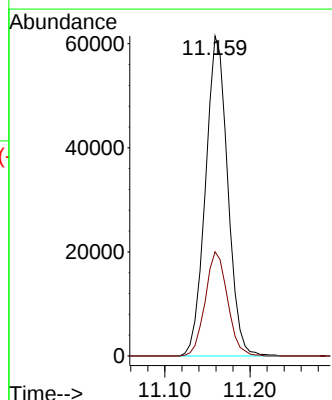
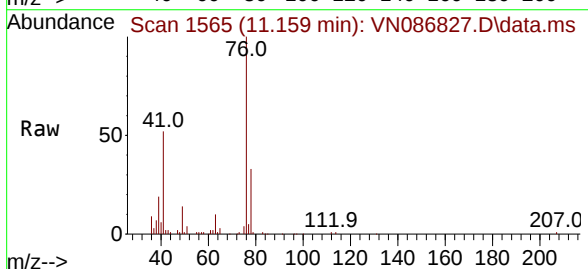
Manual Integrations
APPROVED

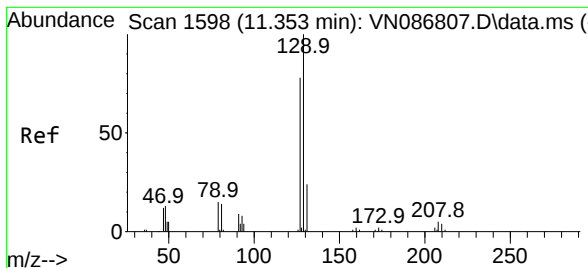
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#52
1,3-Dichloropropane
Concen: 17.950 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

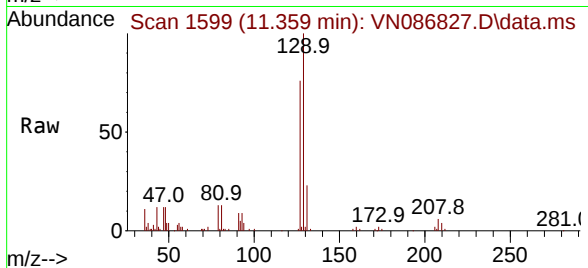
Tgt Ion: 76 Resp: 111283
Ion Ratio Lower Upper
76 100
78 32.6 0.0 64.6





#53
Dibromochloromethane
Concen: 18.329 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

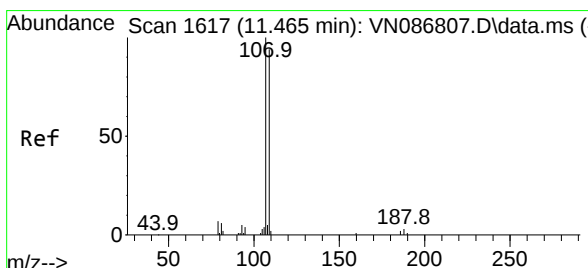
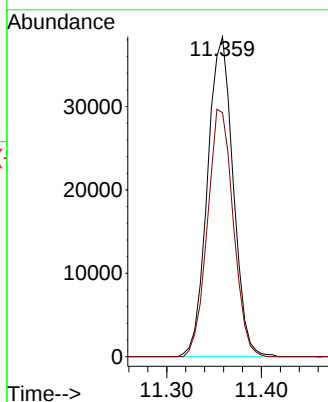
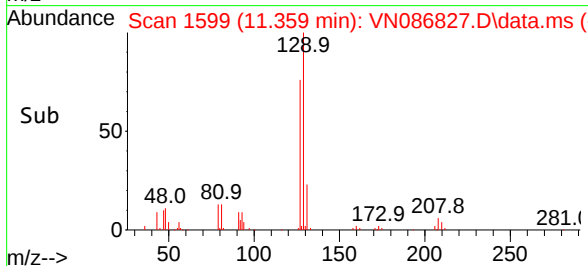
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBS01



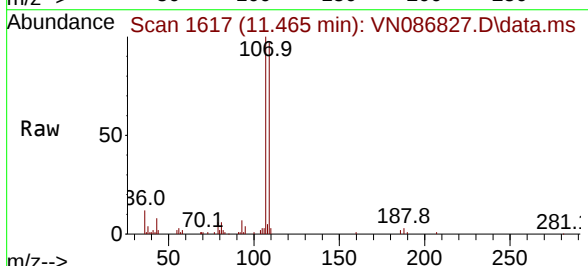
Tgt Ion:129 Resp: 72354
Ion Ratio Lower Upper
129 100
127 77.6 39.1 117.3

Manual Integrations
APPROVED

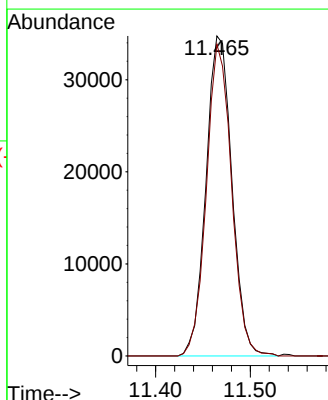
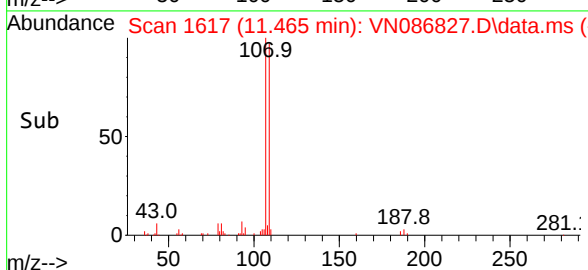
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

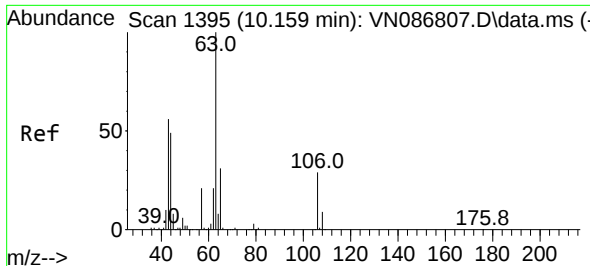


#54
1,2-Dibromoethane
Concen: 18.512 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51



Tgt Ion:107 Resp: 66104
Ion Ratio Lower Upper
107 100
109 94.2 75.0 112.6





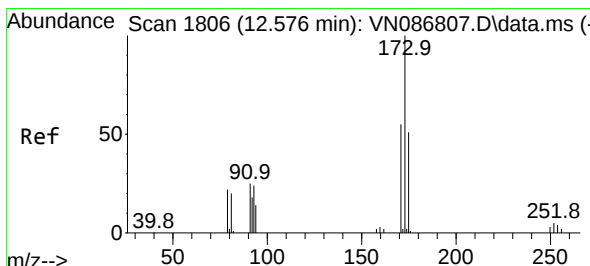
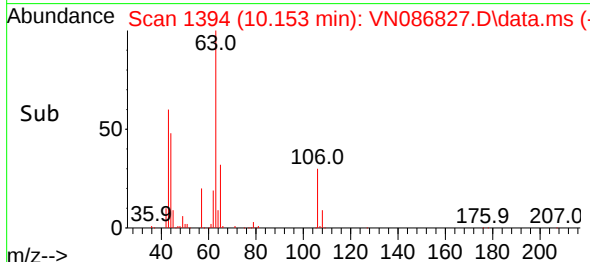
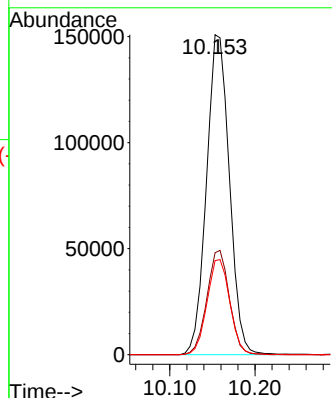
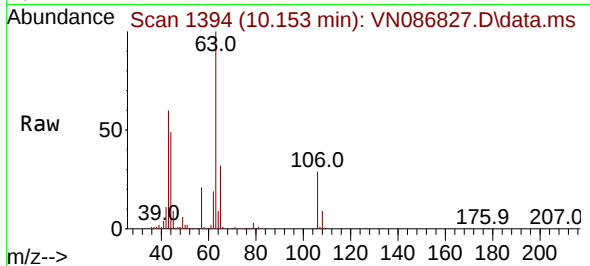
#55
2-Chloroethyl vinyl ether
Concen: 103.733 ug/l
RT: 10.153 min Scan# 1394
Delta R.T. -0.006 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

Instrument :
MSVOA_N
ClientSampleId :
VN0530WBS01

Tgt Ion: 63 Resp: 281708
Ion Ratio Lower Upper
63 100
65 31.9 25.7 38.5
106 29.6 22.7 34.1

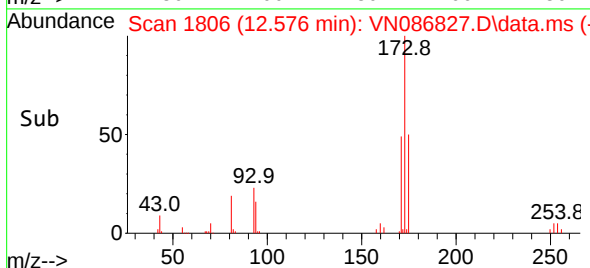
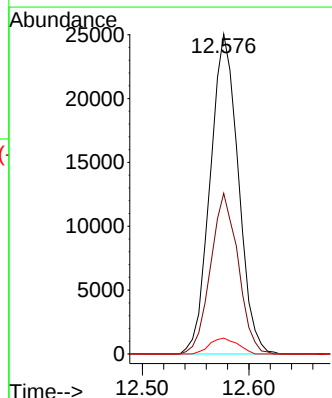
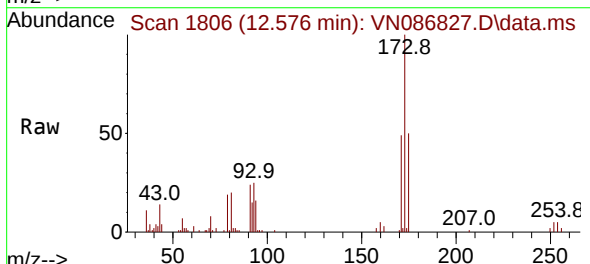
Manual Integrations
APPROVED

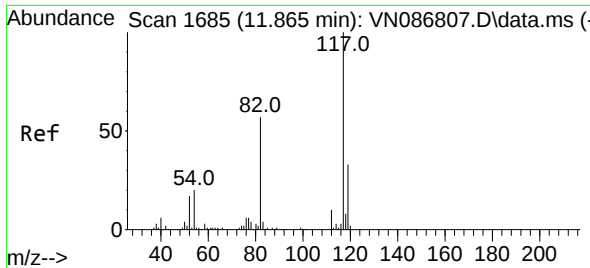
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#56
Bromoform
Concen: 18.448 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

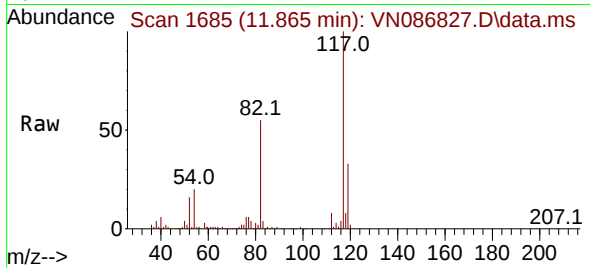
Tgt Ion:173 Resp: 45885
Ion Ratio Lower Upper
173 100
175 49.1 39.7 59.5
254 5.0 3.5 5.3





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

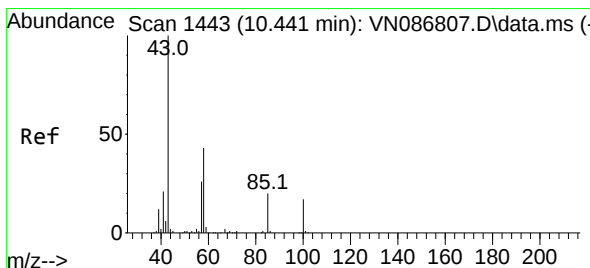
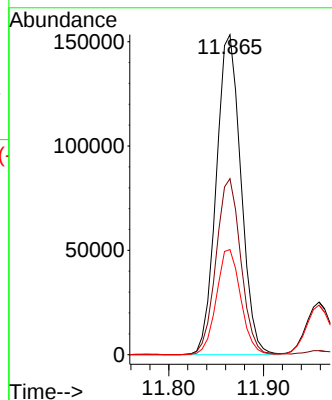
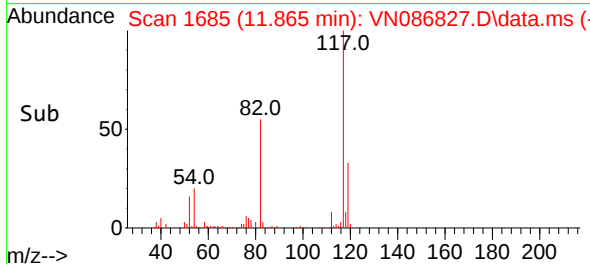
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBS01



Tgt Ion:117 Resp: 277679
Ion Ratio Lower Upper
117 100
82 55.4 44.7 67.1
119 32.4 25.6 38.4

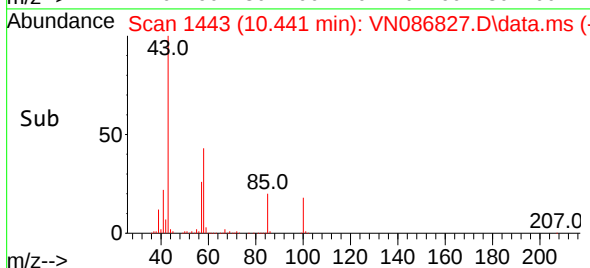
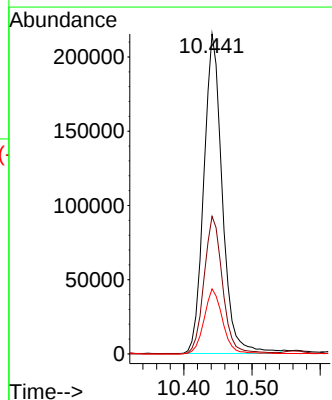
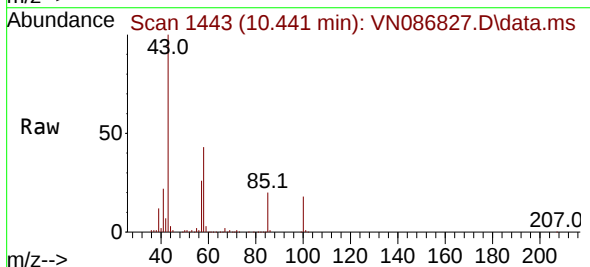
Manual Integrations
APPROVED

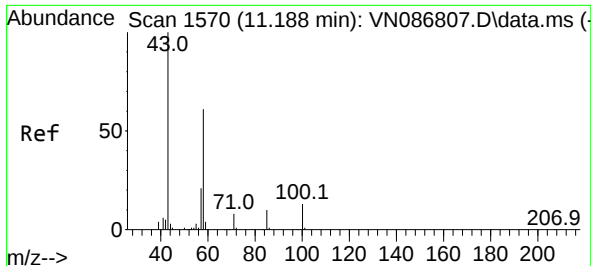
Reviewed By :John Carbone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#58
4-Methyl-2-Pentanone
Concen: 99.453 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

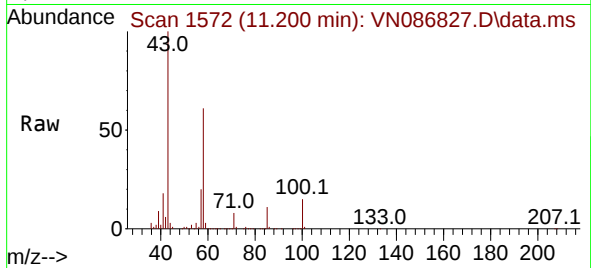
Tgt Ion: 43 Resp: 405217
Ion Ratio Lower Upper
43 100
58 43.4 34.5 51.7
85 20.2 15.8 23.8





#59
2-Hexanone
Concen: 91.784 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.012 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

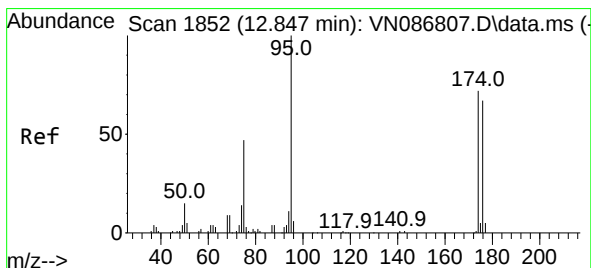
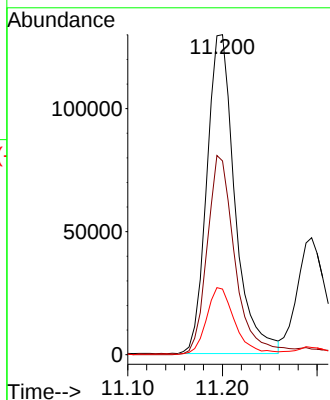
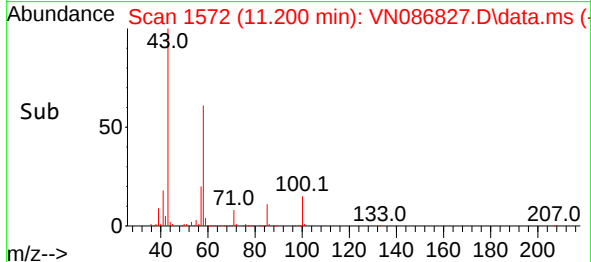
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBS01



Tgt Ion: 43 Resp: 26787
Ion Ratio Lower Upper
43 100
58 62.2 49.1 73.7
57 20.4 16.6 25.0

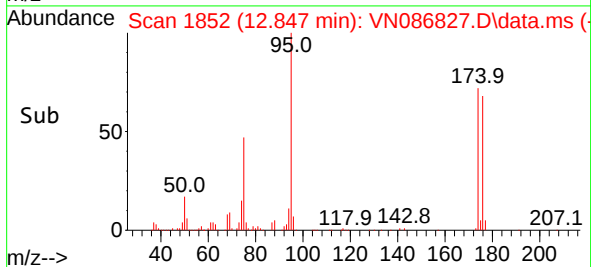
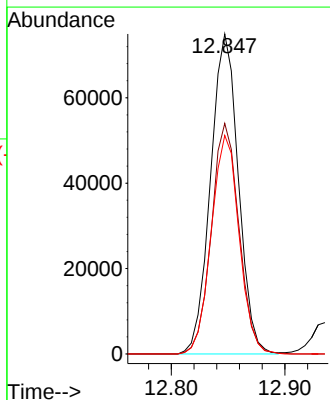
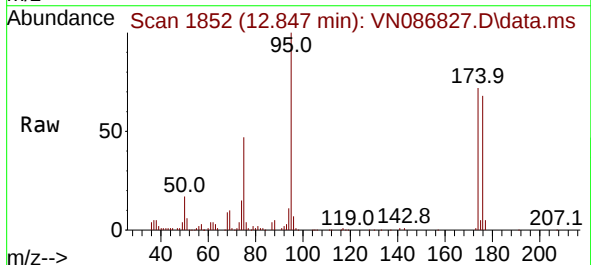
Manual Integrations
APPROVED

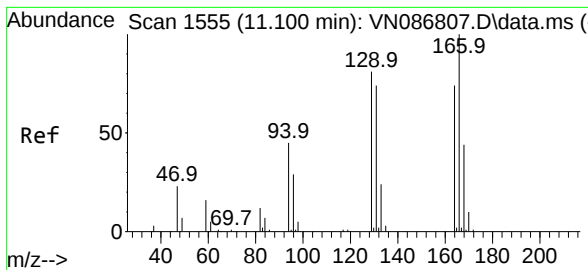
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#60
4-Bromofluorobenzene
Concen: 29.271 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

Tgt Ion: 95 Resp: 127610
Ion Ratio Lower Upper
95 100
174 71.3 56.2 84.4
176 68.5 53.4 80.0





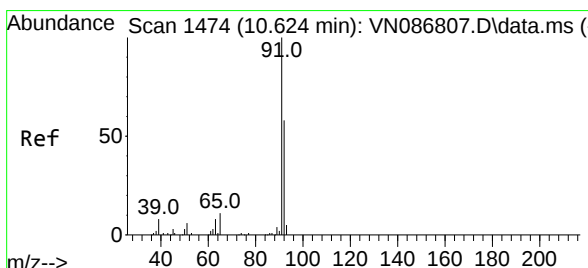
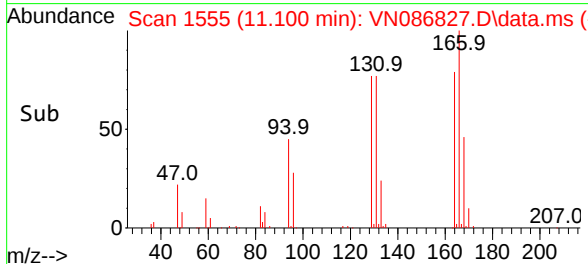
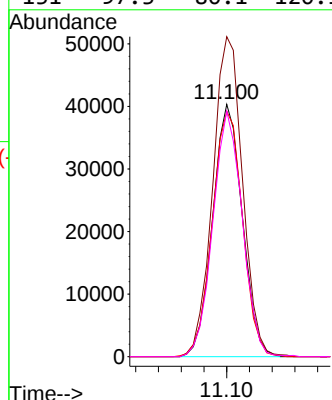
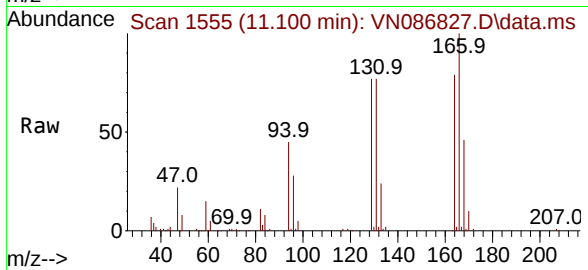
#61
Tetrachloroethene
Concen: 15.641 ug/l
RT: 11.100 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

Instrument :
MSVOA_N
ClientSampleId :
VN0530WBS01

Tgt Ion:164 Resp: 73000
Ion Ratio Lower Upper
164 100
166 126.8 107.5 161.3
129 96.8 87.4 131.2
131 97.3 80.1 120.1

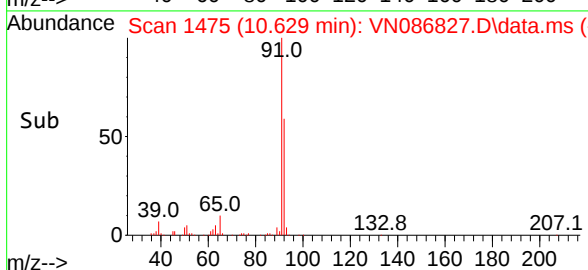
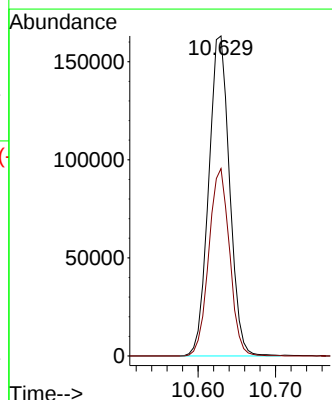
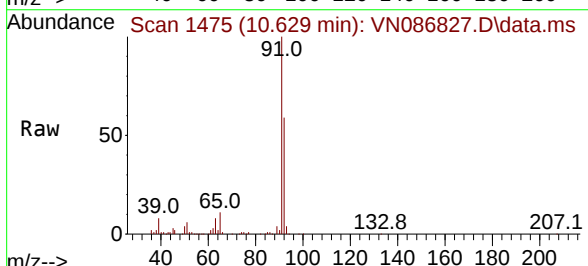
Manual Integrations
APPROVED

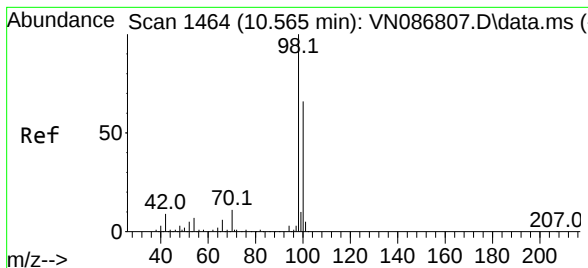
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#62
Toluene
Concen: 19.534 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

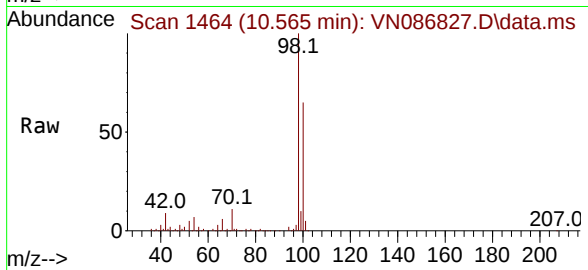
Tgt Ion: 91 Resp: 305486
Ion Ratio Lower Upper
91 100
92 58.0 46.6 70.0





#63
Toluene-d8
Concen: 30.269 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

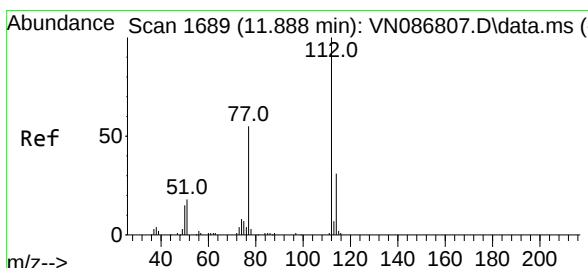
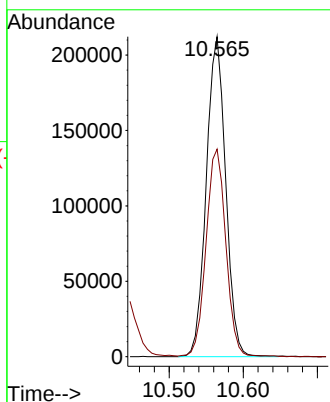
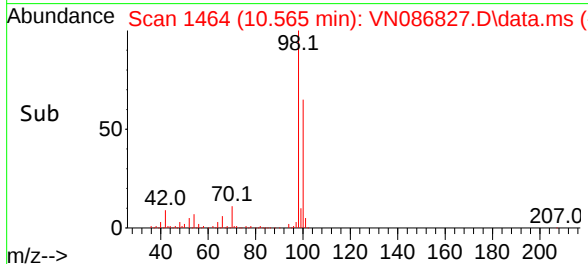
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBS01



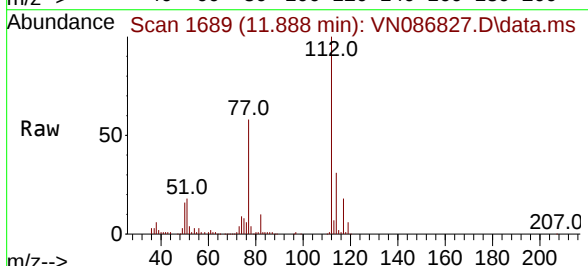
Tgt Ion: 98 Resp: 385779
Ion Ratio Lower Upper
98 100
100 66.2 52.7 79.1

Manual Integrations
APPROVED

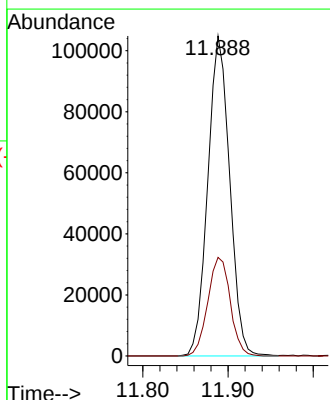
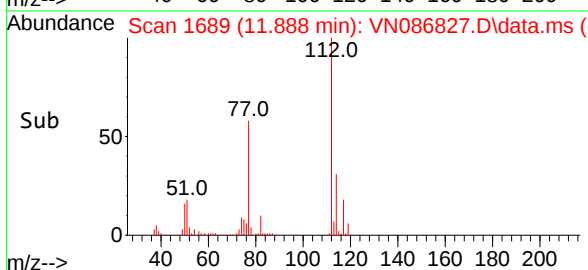
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

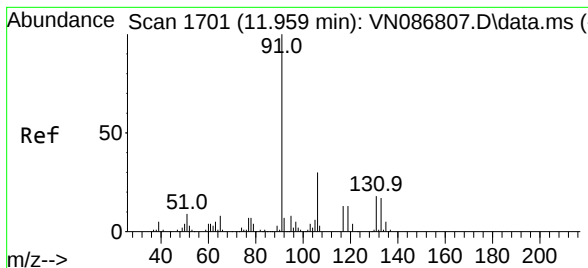


#64
Chlorobenzene
Concen: 18.773 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51



Tgt Ion:112 Resp: 187231
Ion Ratio Lower Upper
112 100
114 30.8 25.1 37.7





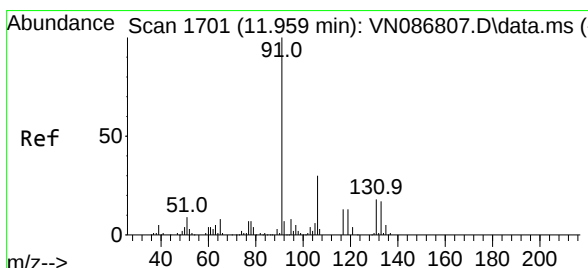
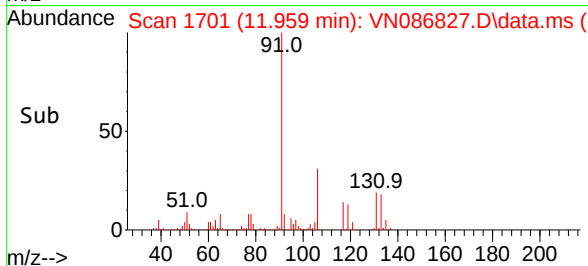
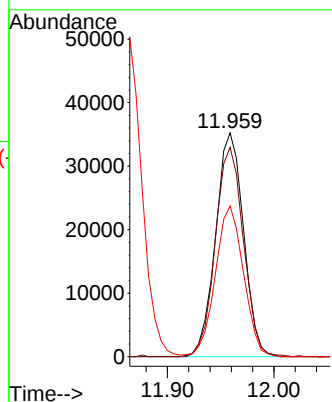
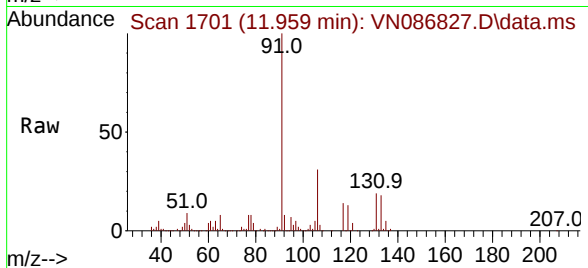
#65
1,1,1,2-Tetrachloroethane
Concen: 19.554 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

Instrument :
MSVOA_N
ClientSampleId :
VN0530WBS01

Tgt Ion:131 Resp: 64069
Ion Ratio Lower Upper
131 100
133 94.3 0.0 191.0
119 68.1 0.0 140.8

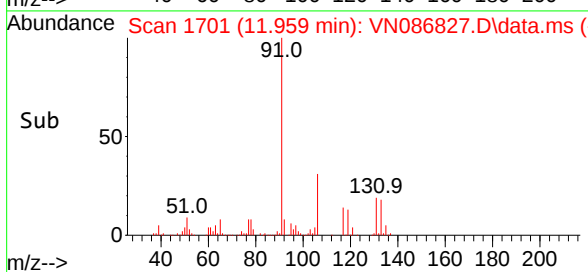
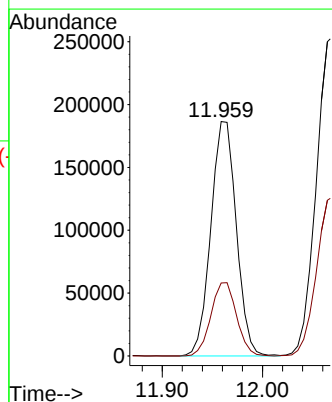
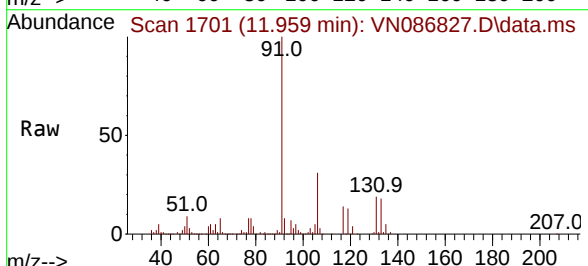
Manual Integrations
APPROVED

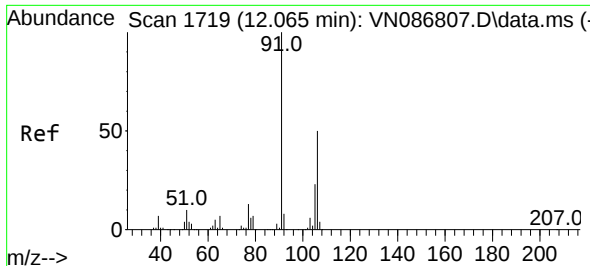
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#66
Ethyl Benzene
Concen: 19.449 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

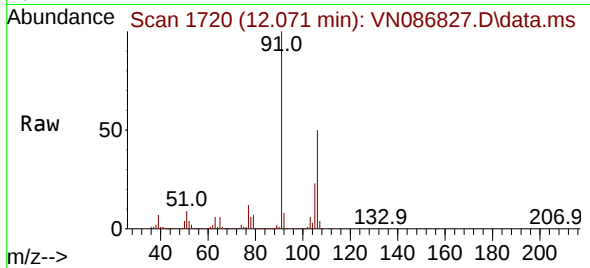
Tgt Ion: 91 Resp: 328982
Ion Ratio Lower Upper
91 100
106 31.2 23.6 35.4





#67
m/p-Xylenes
Concen: 37.811 ug/l
RT: 12.071 min Scan# 1719
Delta R.T. 0.006 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

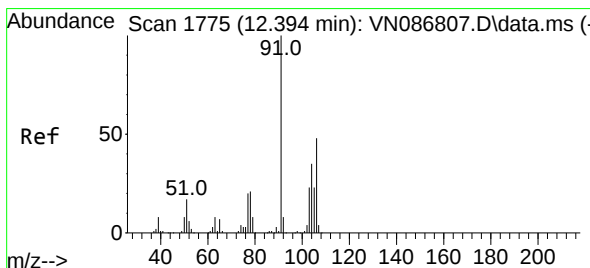
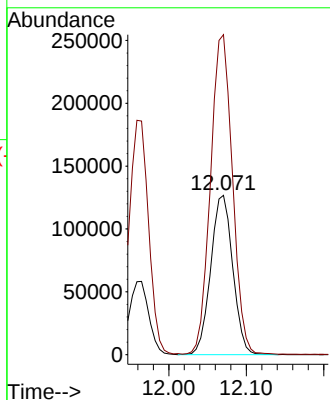
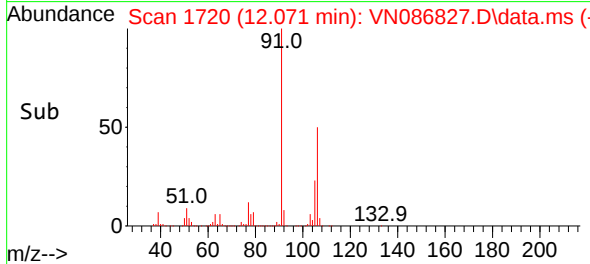
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBS01



Tgt Ion:106 Resp: 250983
Ion Ratio Lower Upper
106 100
91 199.8 160.7 241.1

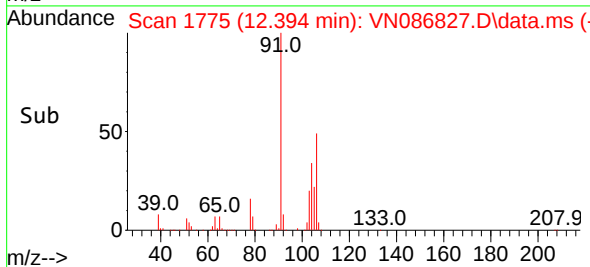
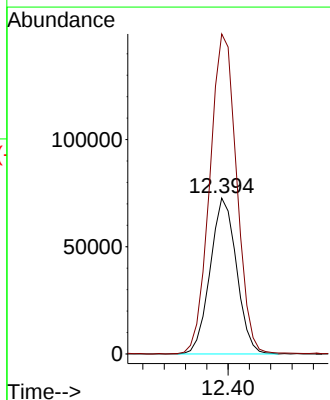
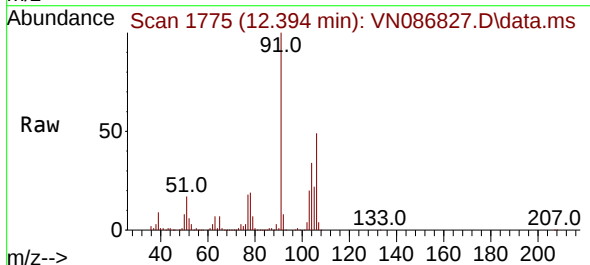
Manual Integrations
APPROVED

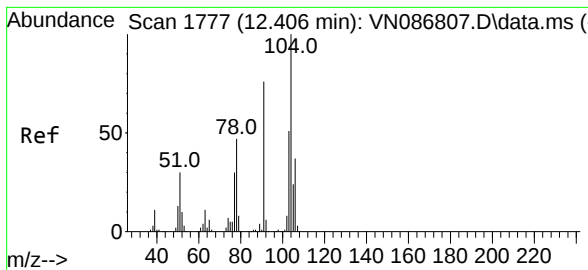
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#68
o-Xylene
Concen: 19.352 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

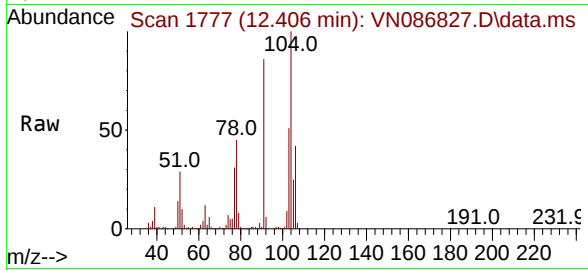
Tgt Ion:106 Resp: 124493
Ion Ratio Lower Upper
106 100
91 210.4 106.3 318.9





#69
Styrene
Concen: 19.188 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

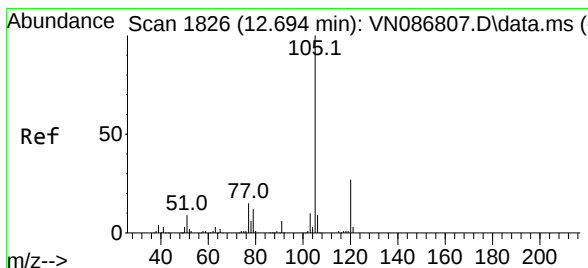
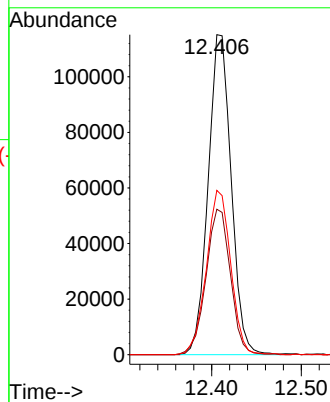
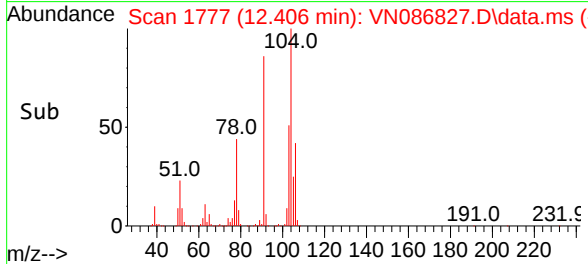
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBS01



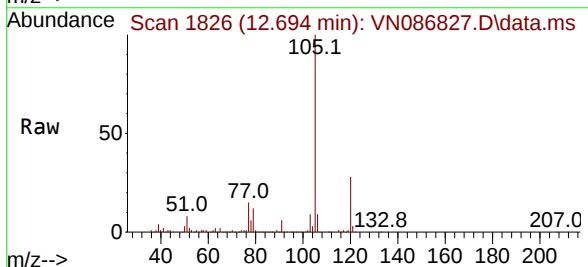
Tgt Ion:104 Resp: 20565
Ion Ratio Lower Upper
104 100
78 48.1 38.6 57.8
103 54.2 43.2 64.8

Manual Integrations
APPROVED

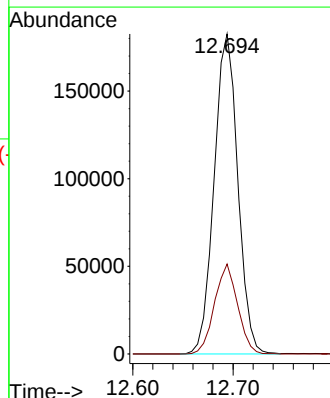
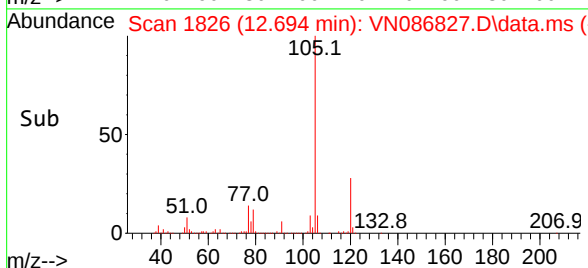
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

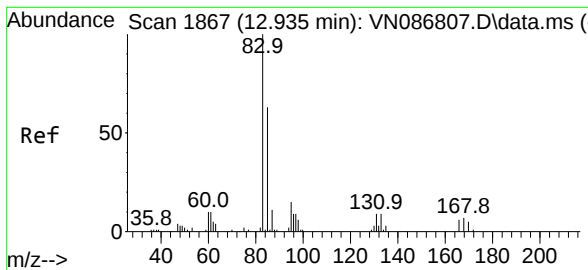


#70
Isopropylbenzene
Concen: 19.550 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51



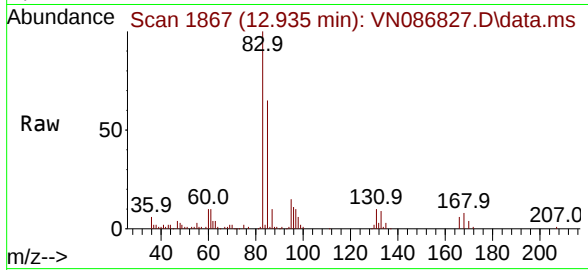
Tgt Ion:105 Resp: 299128
Ion Ratio Lower Upper
105 100
120 27.3 19.0 35.2





#71
 1,1,2,2-Tetrachloroethane
 Concen: 22.855 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. 0.000 min
 Lab File: VN086827.D
 Acq: 30 May 2025 11:51

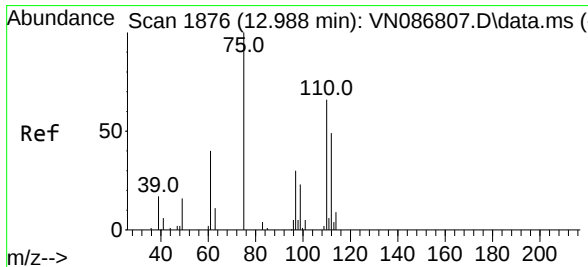
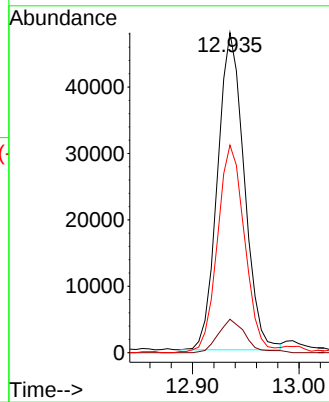
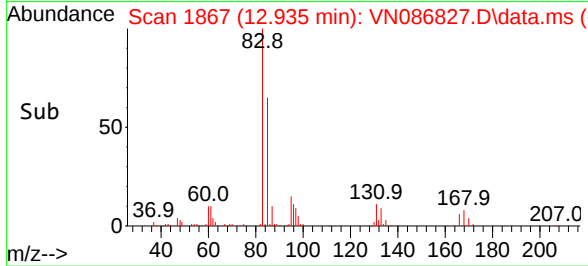
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0530WBS01



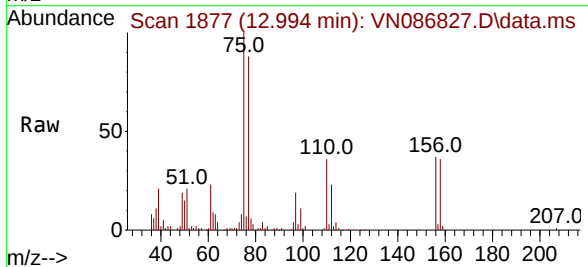
Tgt Ion: 83 Resp: 8314
 Ion Ratio Lower Upper
 83 100
 131 10.7 5.0 15.0
 85 66.5 32.6 97.7

Manual Integrations
 APPROVED

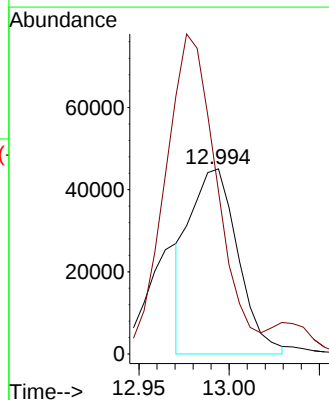
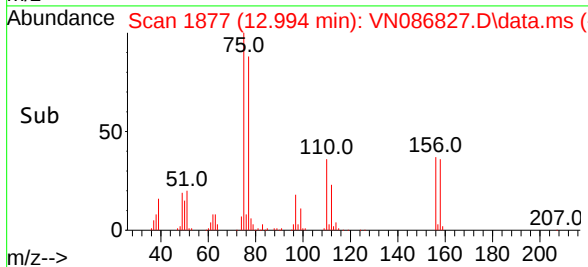
Reviewed By :John Carlone 06/02/2025
 Supervised By :Mahesh Dadoda 06/02/2025

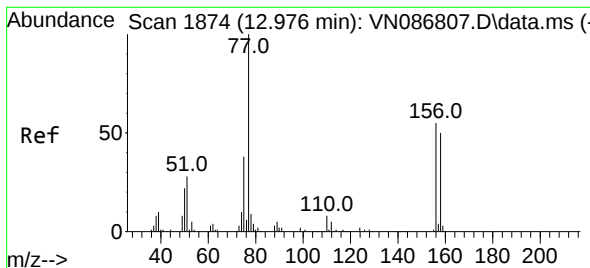


#72
 1,2,3-Trichloropropane
 Concen: 19.642 ug/l m
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.006 min
 Lab File: VN086827.D
 Acq: 30 May 2025 11:51



Tgt Ion: 75 Resp: 83742
 Ion Ratio Lower Upper
 75 100
 77 185.1 0.0 390.6





#73

Bromobenzene

Concen: 18.091 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. 0.000 min

Lab File: VN086827.D

Acq: 30 May 2025 11:51

Instrument :

MSVOA_N

ClientSampleId :

VN0530WBS01

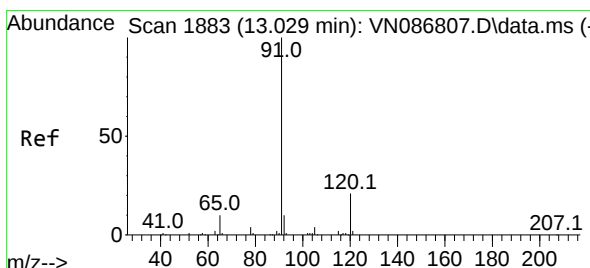
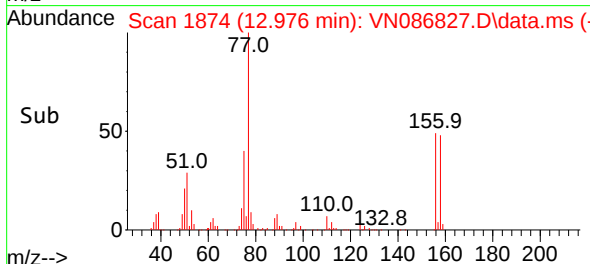
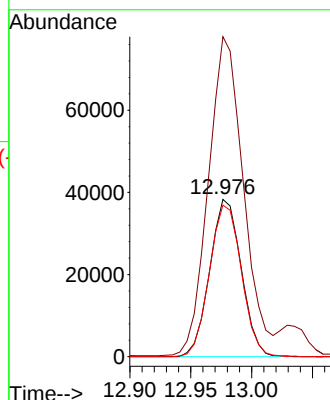
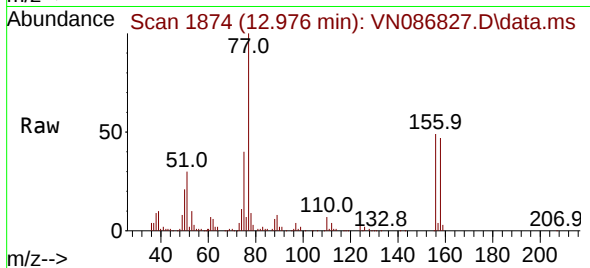
Tgt Ion:	156	Resp:	68798
Ion Ratio	Lower	Upper	
156	100		
77	225.3	0.0	442.0
158	97.8	0.0	191.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2025

Supervised By :Mahesh Dadoda 06/02/2025



#74

n-propylbenzene

Concen: 18.914 ug/l

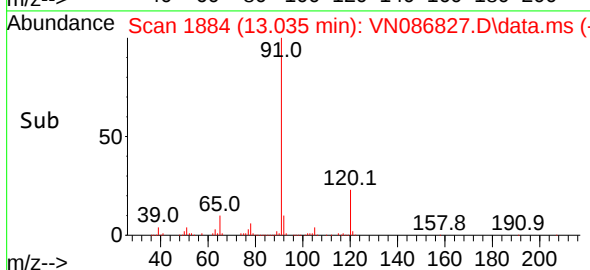
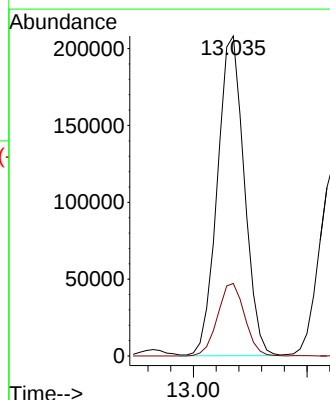
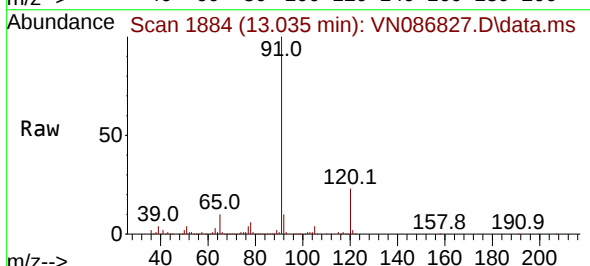
RT: 13.035 min Scan# 1884

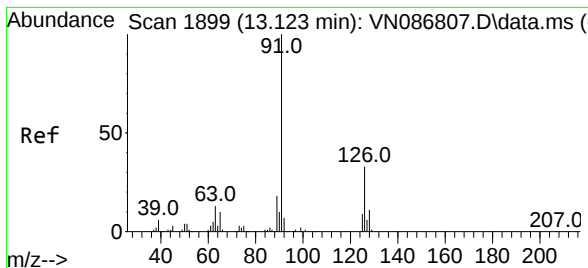
Delta R.T. 0.006 min

Lab File: VN086827.D

Acq: 30 May 2025 11:51

Tgt Ion:	91	Resp:	342794
Ion Ratio	Lower	Upper	
91	100		
120	22.8	0.0	45.6





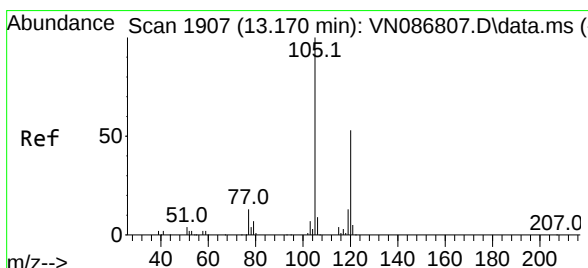
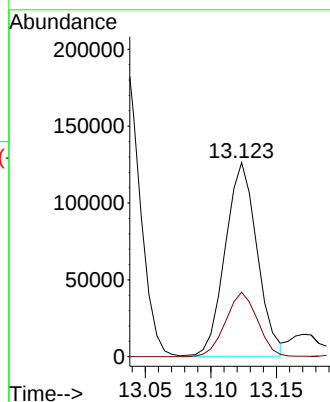
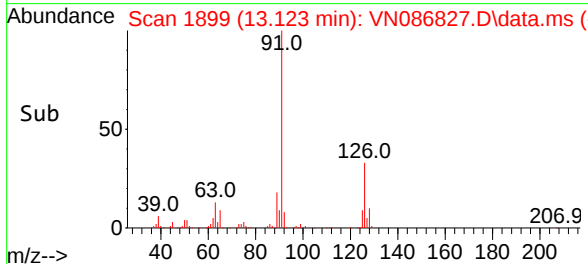
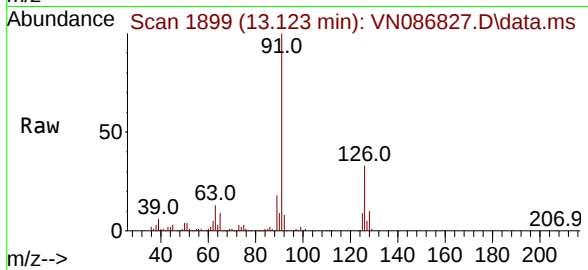
#75
2-Chlorotoluene
Concen: 18.355 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

Instrument :
MSVOA_N
ClientSampleId :
VN0530WBS01

Tgt Ion: 91 Resp: 21351
Ion Ratio Lower Upper
91 100
126 33.3 0.0 64.4

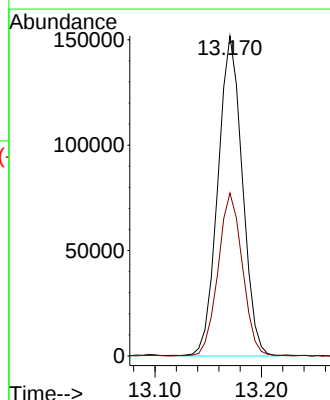
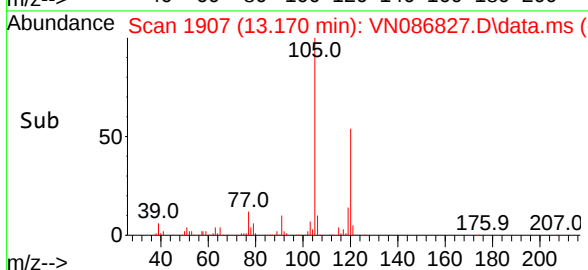
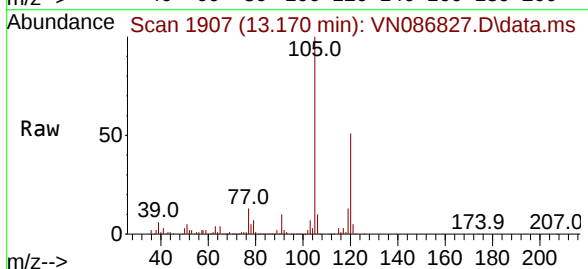
Manual Integrations
APPROVED

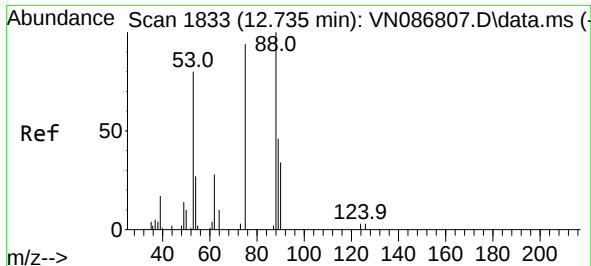
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#76
1,3,5-Trimethylbenzene
Concen: 19.000 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

Tgt Ion:105 Resp: 241846
Ion Ratio Lower Upper
105 100
120 50.6 0.0 101.4





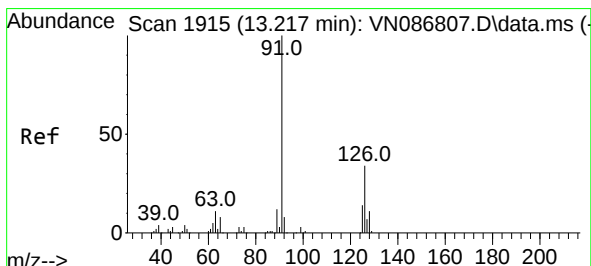
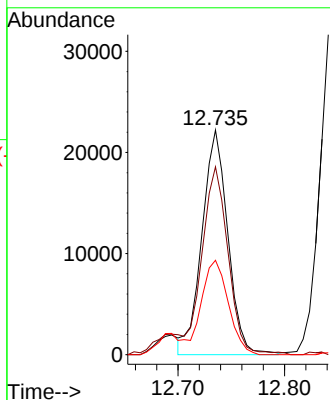
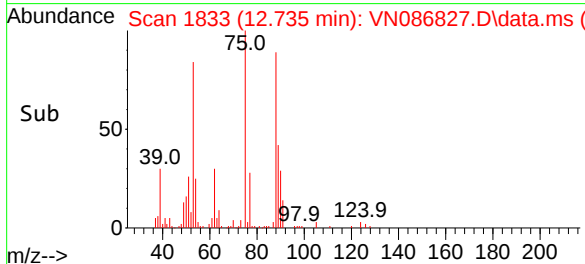
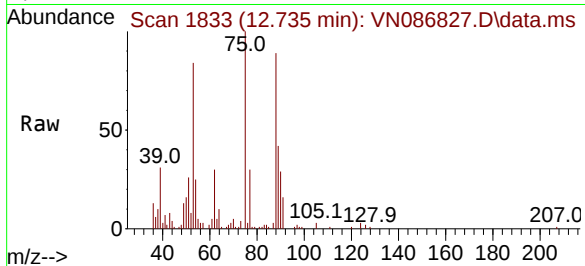
#77
t-1,4-Dichloro-2-butene
Concen: 21.495 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

Instrument :
MSVOA_N
ClientSampleId :
VN0530WBS01

Tgt Ion: 75 Resp: 37500
Ion Ratio Lower Upper
75 100
53 83.1 43.0 128.8
89 42.4 25.4 76.2

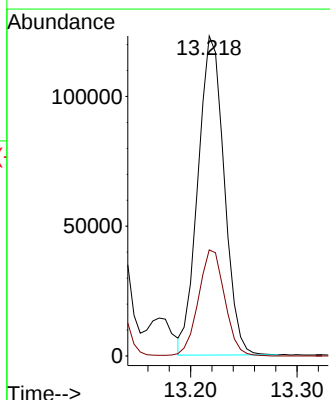
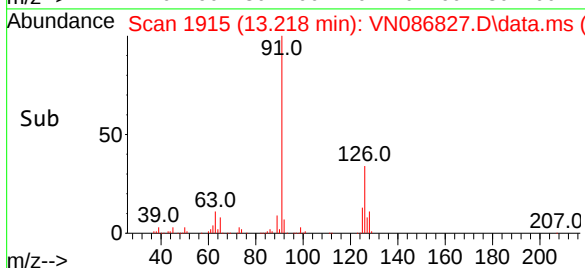
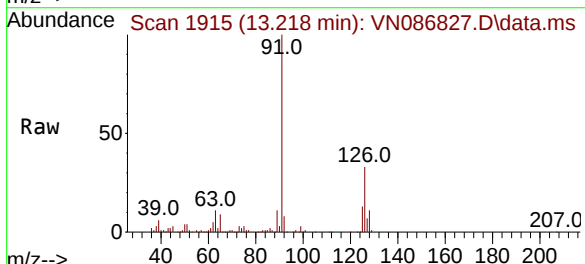
Manual Integrations
APPROVED

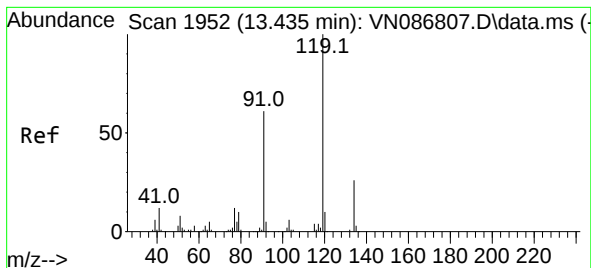
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#78
4-Chlorotoluene
Concen: 18.288 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

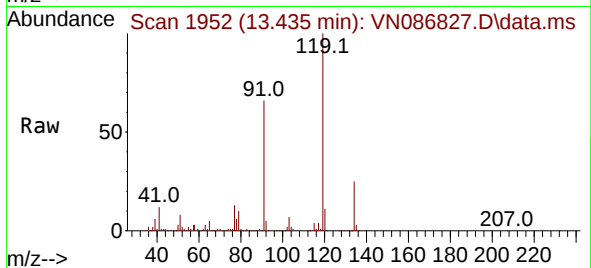
Tgt Ion: 91 Resp: 210729
Ion Ratio Lower Upper
91 100
126 33.4 0.0 66.6





#79
tert-butylbenzene
Concen: 19.205 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

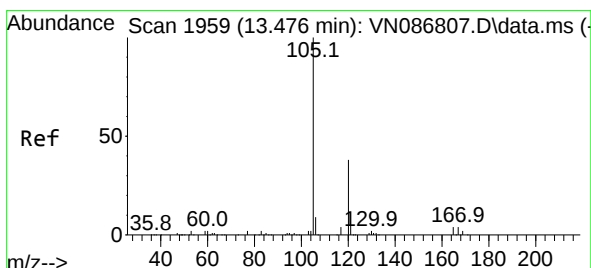
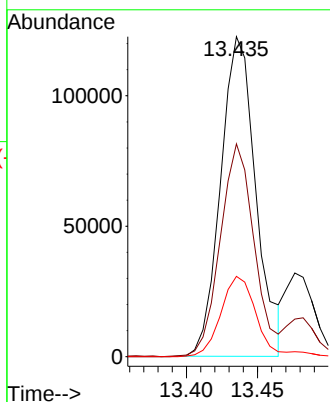
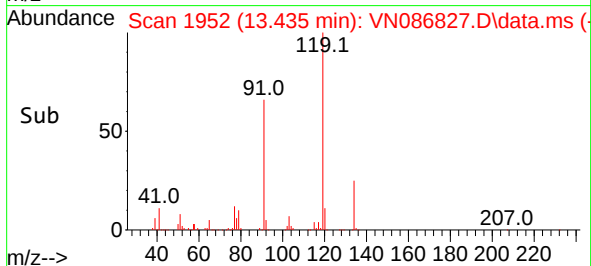
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBS01



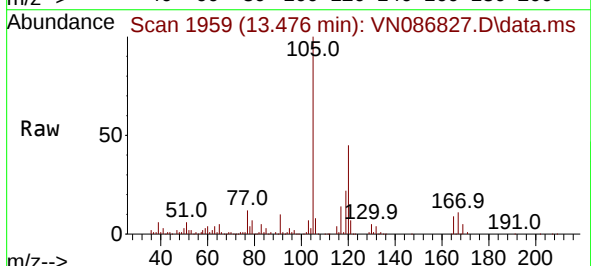
Tgt Ion:119 Resp: 211349
Ion Ratio Lower Upper
119 100
91 64.4 0.0 130.4
134 24.7 0.0 50.6

Manual Integrations
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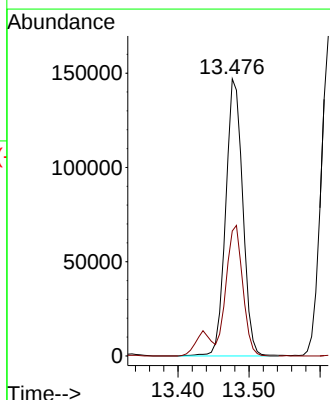
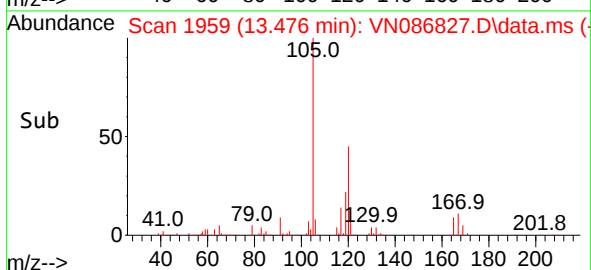
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

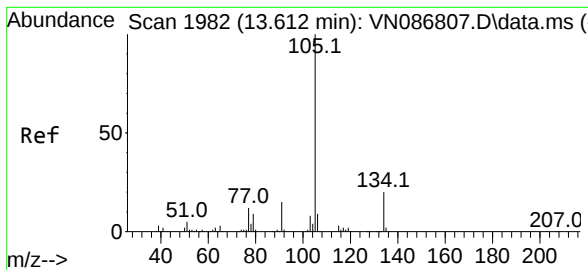


#80
1,2,4-Trimethylbenzene
Concen: 19.108 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51



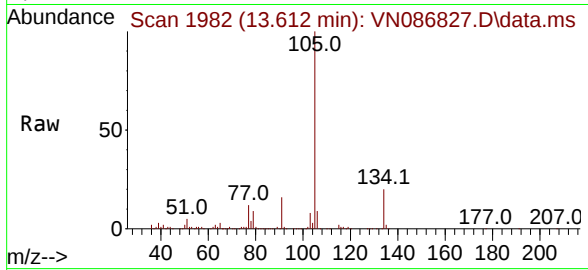
Tgt Ion:105 Resp: 244130
Ion Ratio Lower Upper
105 100
120 45.9 0.0 92.2





#81
 sec-Butylbenzene
 Concen: 18.824 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN086827.D
 Acq: 30 May 2025 11:51

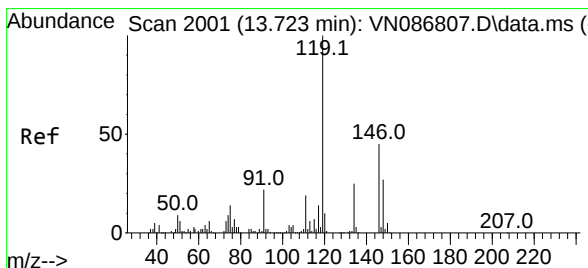
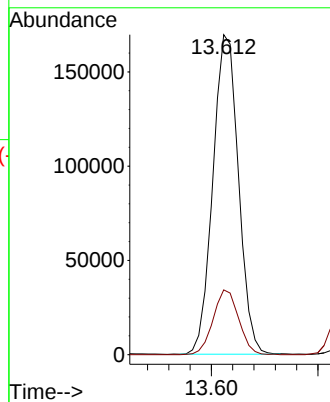
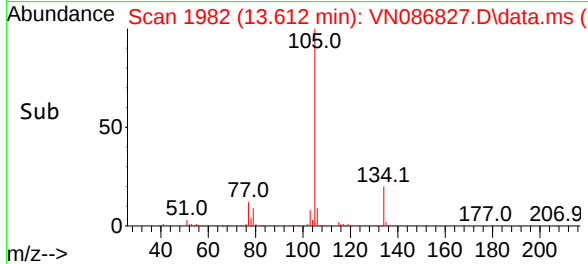
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0530WBS01



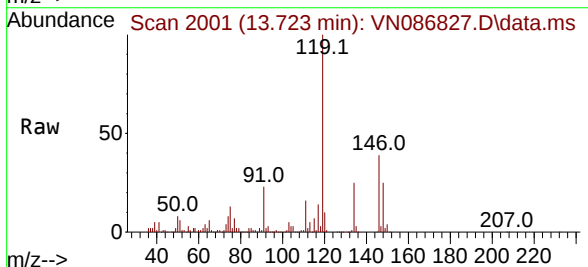
Tgt Ion:105 Resp: 28222
 Ion Ratio Lower Upper
 105 100
 134 20.2 0.0 40.0

Manual Integrations
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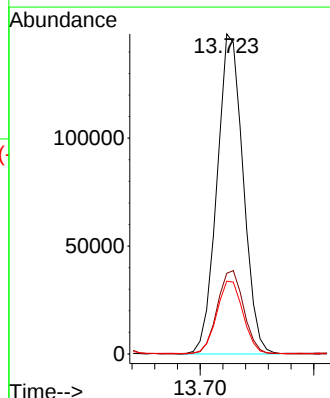
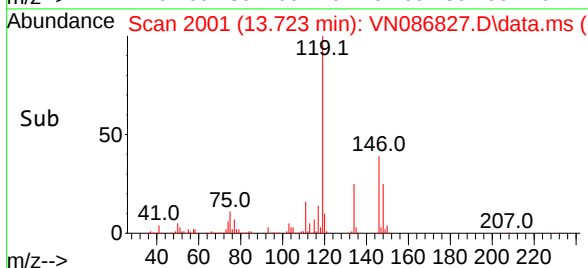
Reviewed By :John Carlone 06/02/2025
 Supervised By :Mahesh Dadoda 06/02/2025

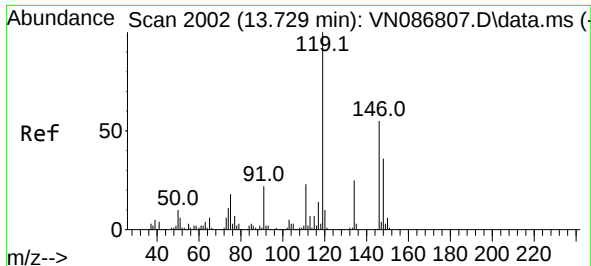


#82
 p-Isopropyltoluene
 Concen: 18.869 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN086827.D
 Acq: 30 May 2025 11:51



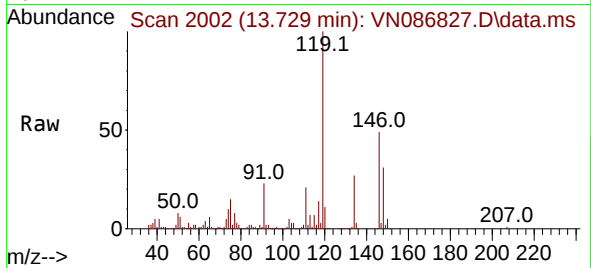
Tgt Ion:119 Resp: 237542
 Ion Ratio Lower Upper
 119 100
 134 26.3 0.0 51.8
 91 22.6 0.0 45.2





#83
1,3-Dichlorobenzene
Concen: 17.795 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

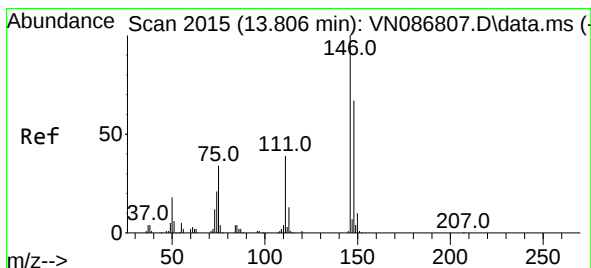
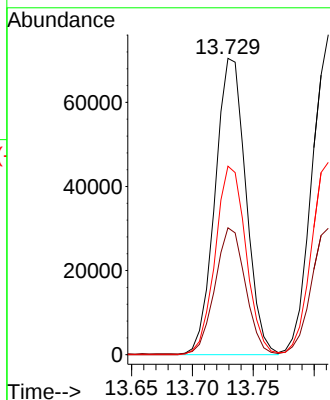
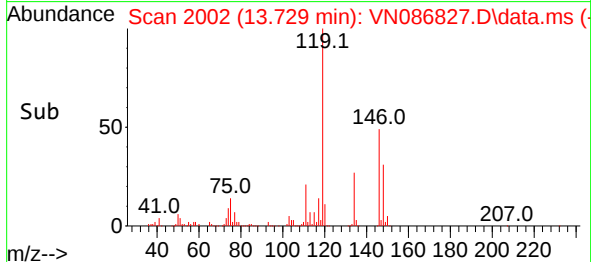
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBS01



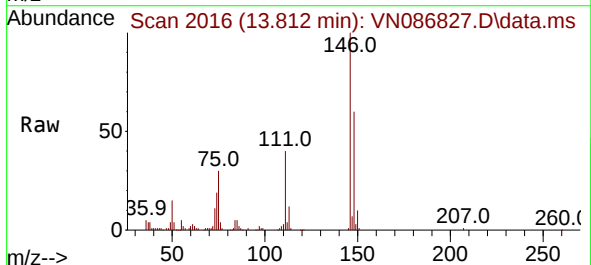
Tgt Ion:146 Resp: 124148
Ion Ratio Lower Upper
146 100
111 41.7 21.1 63.1
148 63.3 32.1 96.5

Manual Integrations
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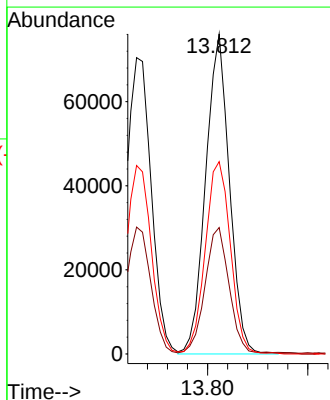
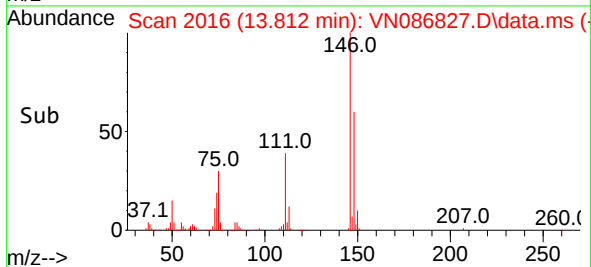
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

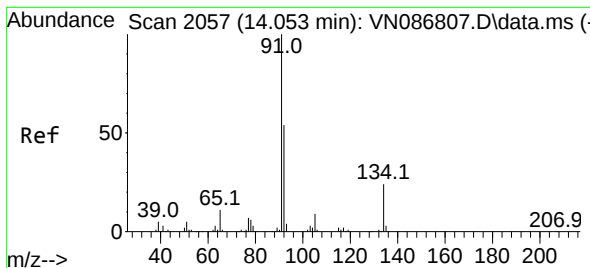


#84
1,4-Dichlorobenzene
Concen: 18.066 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.006 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51



Tgt Ion:146 Resp: 125428
Ion Ratio Lower Upper
146 100
111 39.1 19.8 59.4
148 63.4 31.9 95.5





#85

n-Butylbenzene

Concen: 19.225 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VN086827.D

Acq: 30 May 2025 11:51

Instrument :

MSVOA_N

ClientSampleId :

VN0530WBS01

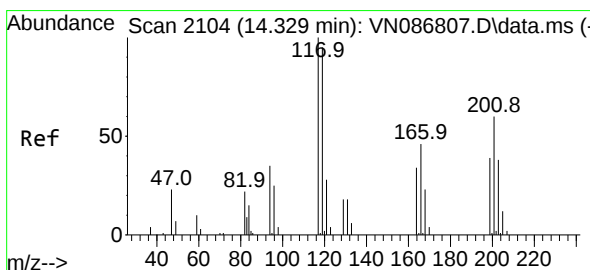
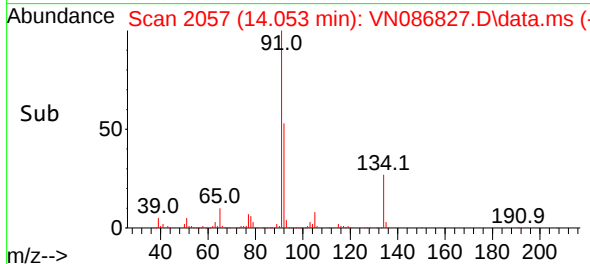
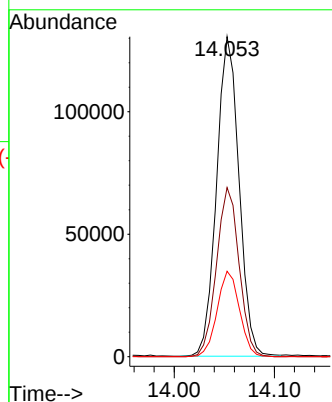
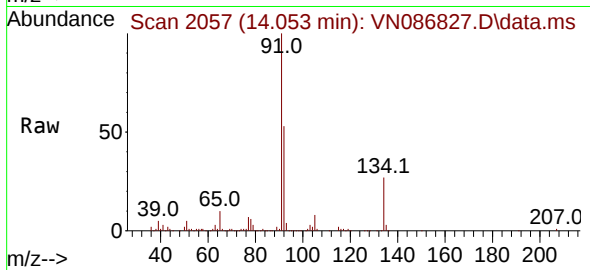
Tgt Ion:	91	Resp:	20261
Ion Ratio	100	Lower	Upper
91	100		
92	53.2	0.0	107.6
134	26.6	0.0	50.0

Manual Integrations

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Reviewed By :John Carlone 06/02/2025

Supervised By :Mahesh Dadoda 06/02/2025



#86

Hexachloroethane

Concen: 19.198 ug/l

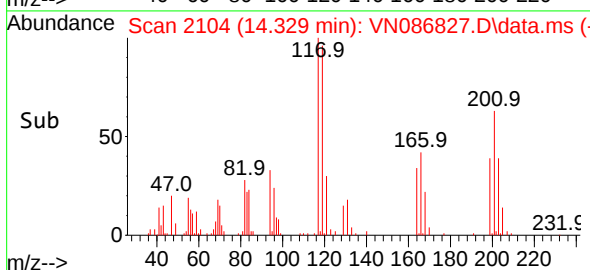
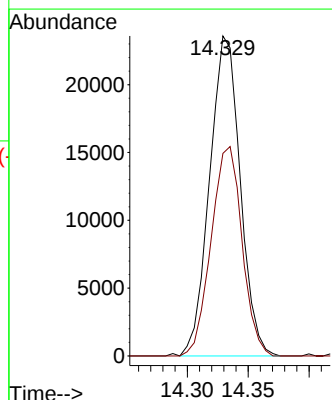
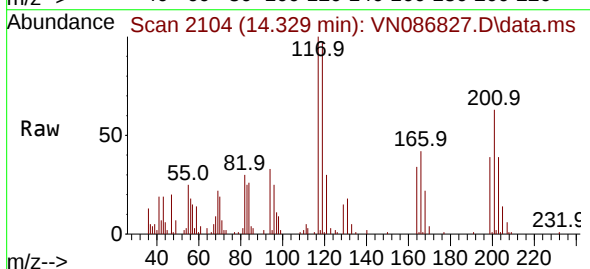
RT: 14.329 min Scan# 2104

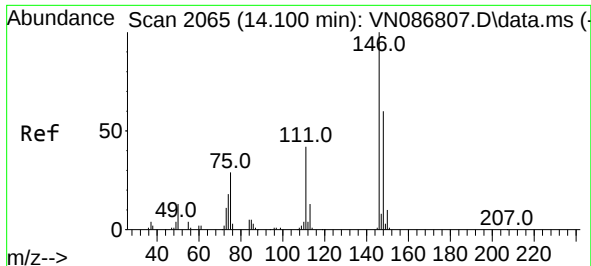
Delta R.T. 0.000 min

Lab File: VN086827.D

Acq: 30 May 2025 11:51

Tgt Ion:	117	Resp:	41190
Ion Ratio	100	Lower	Upper
117	100		
201	66.1	31.4	94.3





#87

1,2-Dichlorobenzene

Concen: 18.015 ug/l

RT: 14.106 min Scan# 2065

Delta R.T. 0.006 min

Lab File: VN086827.D

Acq: 30 May 2025 11:51

Instrument :

MSVOA_N

ClientSampleId :

VN0530WBS01

Tgt Ion:146 Resp: 121239

Ion Ratio Lower Upper

146 100

111 42.7 21.6 64.8

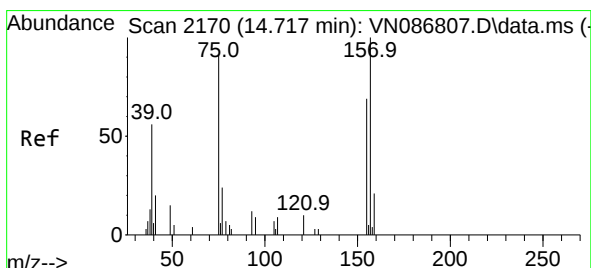
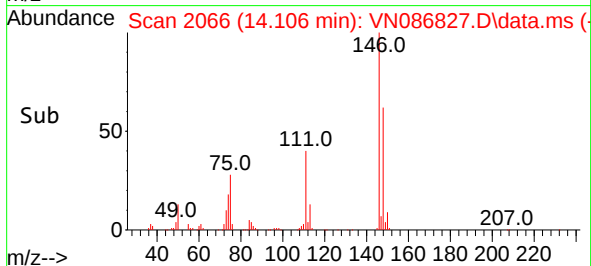
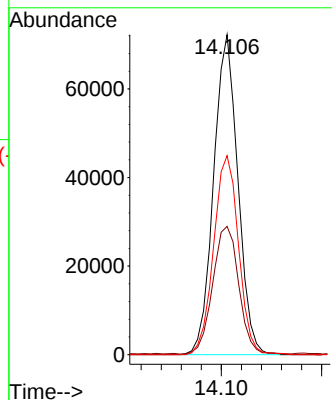
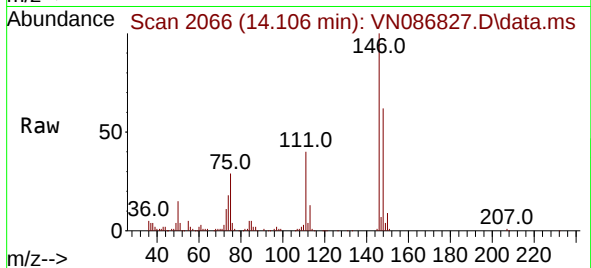
148 63.8 31.6 94.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2025

Supervised By :Mahesh Dadoda 06/02/2025



#88

1,2-Dibromo-3-Chloropropane

Concen: 23.007 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. 0.000 min

Lab File: VN086827.D

Acq: 30 May 2025 11:51

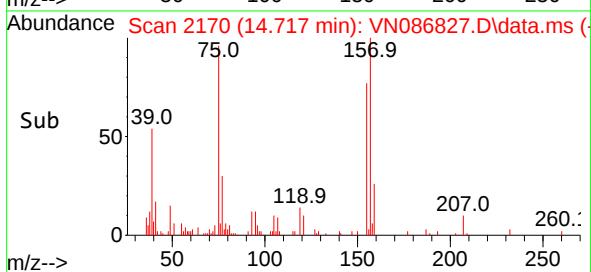
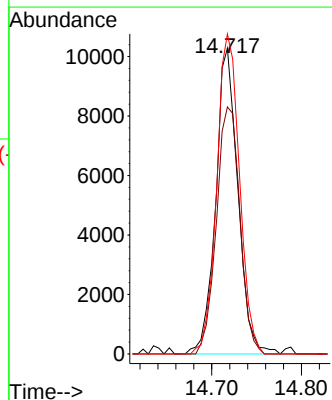
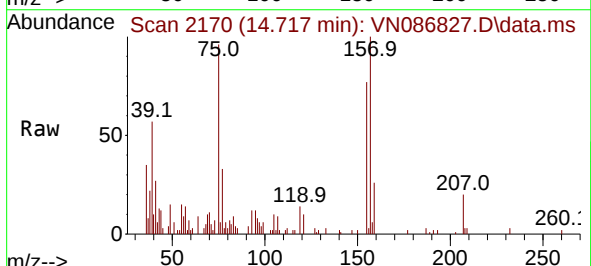
Tgt Ion: 75 Resp: 17625

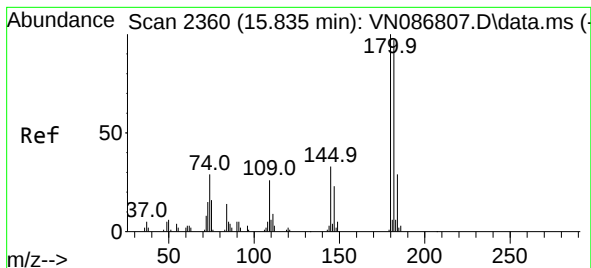
Ion Ratio Lower Upper

75 100

155 85.6 62.9 94.3

157 107.5 84.0 126.0





#89

1,2,4-Trichlorobenzene

Concen: 21.742 ug/l

RT: 15.835 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN086827.D

Acq: 30 May 2025 11:51

Instrument :

MSVOA_N

ClientSampleId :

VN0530WBS01

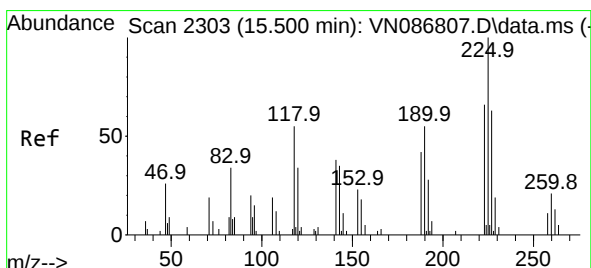
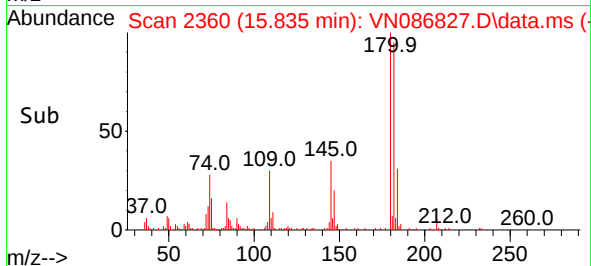
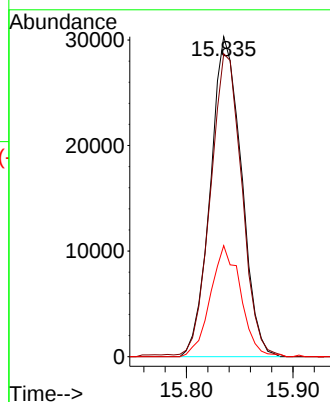
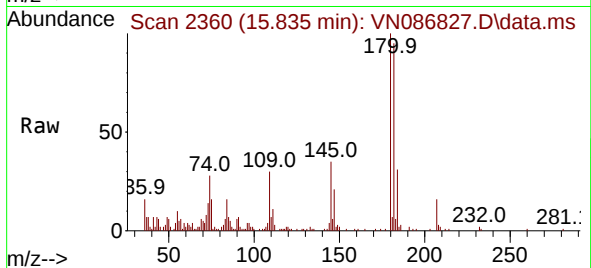
Tgt Ion:180	Resp:	61238
Ion Ratio	Lower	Upper
180	100	
182	95.7	78.2 117.2
145	33.9	28.0 42.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2025

Supervised By :Mahesh Dadoda 06/02/2025



#90

Hexachlorobutadiene

Concen: 18.721 ug/l

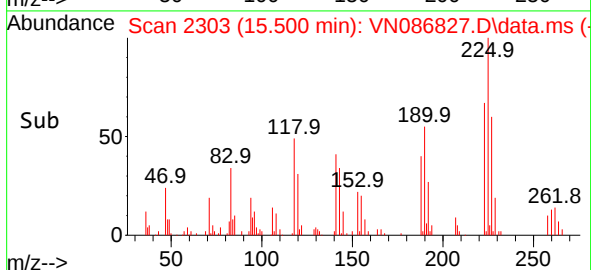
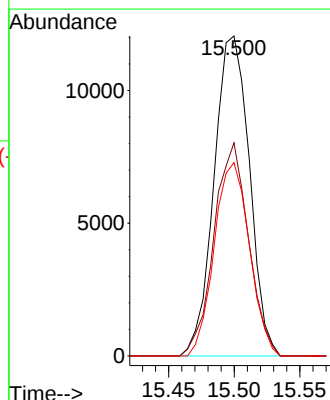
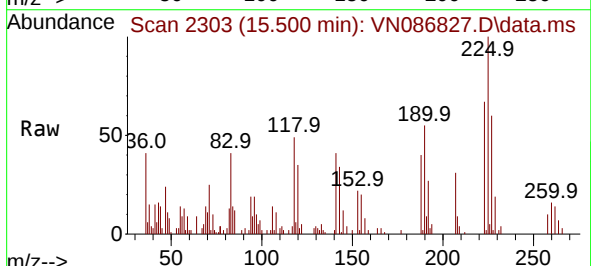
RT: 15.500 min Scan# 2303

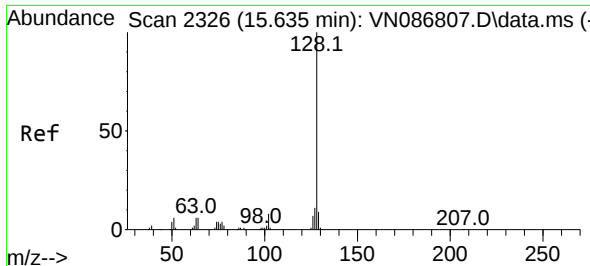
Delta R.T. 0.000 min

Lab File: VN086827.D

Acq: 30 May 2025 11:51

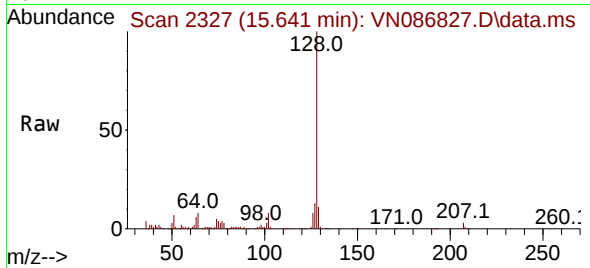
Tgt Ion:225	Resp:	22599
Ion Ratio	Lower	Upper
225	100	
223	65.1	0.0 135.8
227	60.0	0.0 125.0





#91
Naphthalene
Concen: 23.466 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

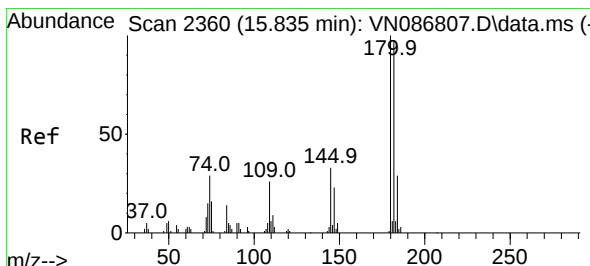
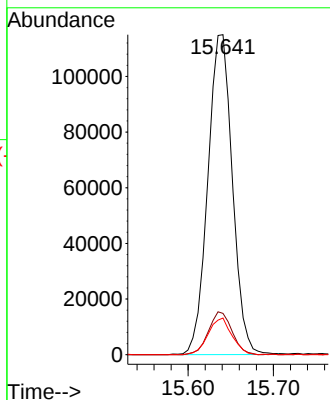
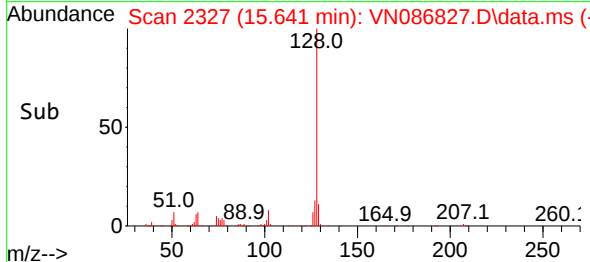
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBS01



Tgt Ion:128 Resp: 23060
Ion Ratio Lower Upper
128 100
127 12.8 9.8 14.6
129 11.1 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#92
1,2,3-Trichlorobenzene
Concen: 21.742 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

Tgt Ion:180 Resp: 61238
Ion Ratio Lower Upper
180 100
182 95.7 0.0 195.4
145 33.9 0.0 70.0

